Service
Service
Service



Service Manual

Horizontal Frequency

30- 83 kHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFOMER FOR THIS UNIT WHEN SERVICING

TPV

AOC EYES VALUE

Revision List

Version	Date	Revision History	TPV Model Name
A00	Apr.-04-2007	first release	T76GGDDKAKHPNE

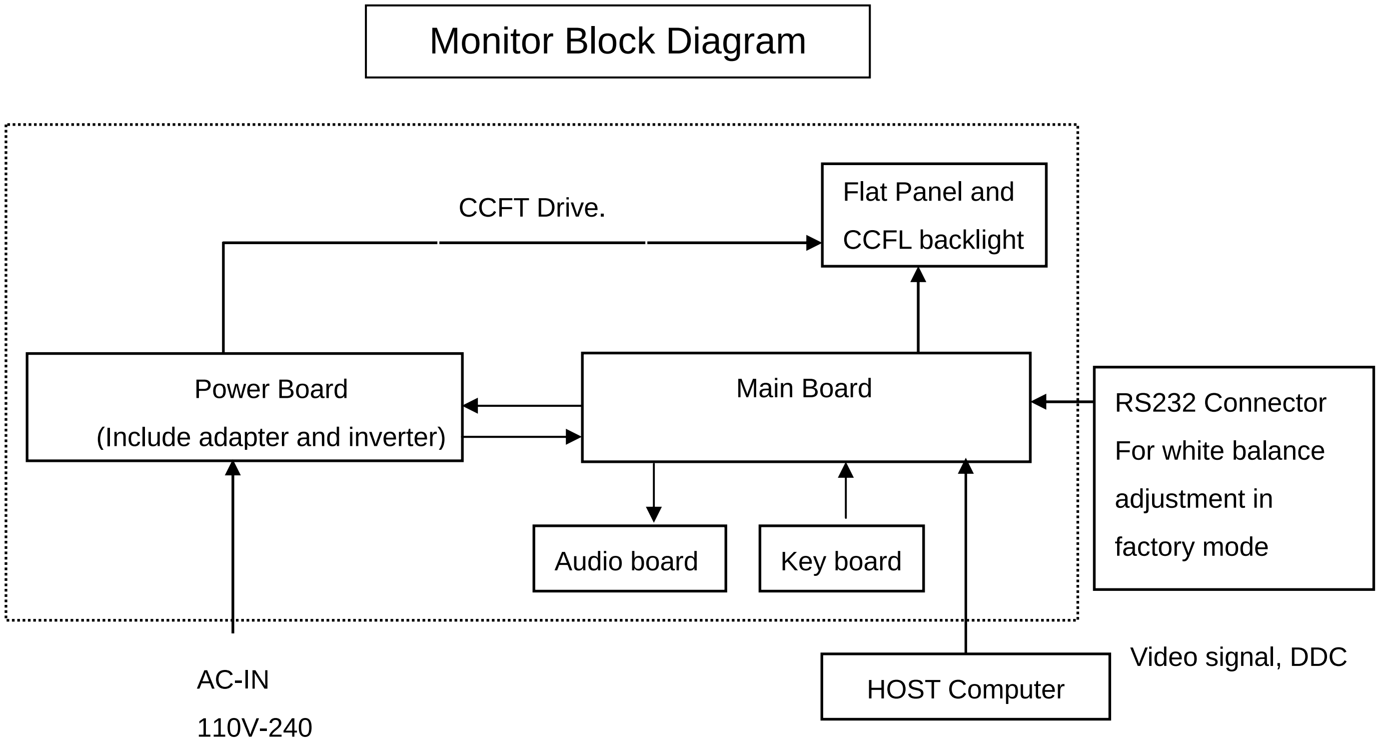
1. Monitor Specification

LCD Panel	Driving system	TFT Color LCD
	Panel	LTM170EU-L11
	Size	43.2cm(17.0")
	Pixel pitch	0.264mm(H)x 0.264mm(V)
	Viewable angle	140° (H) 130° (V)
	Response time (typ.)	16 ms
	Brightness	250
	Contrast	400:1
	Video	Analog /Digital
Input	Sync. Type	H/V TTL
	H-Frequency	30kHz – 83kHz
	V-Frequency	50-76Hz
Display Colors	Over 16 million Colors	
Dot Clock	140MHz	
Max. Resolution	1280 x 1024	
Plug & Play	VESA DDC2B™	
Power Consumption	ON Mode	<37W
	OFF Mode	<1W
	Sleep Mode	<2W
Maximum Screen Size	Horizontal : (337.92mm) Vertical : (270.336mm)	
Power Source	100~240VAC,47~63Hz	
Environmental Conditions	Operating Temp: 5°C to 35°C Storage Temp.: -20°C to 60°C Operating Humidity : 20% to 80%	
Main Dimensions	Unpackaged(W*H*D)	422mm*449mm*215mm
	Packaged(W*H*D)	570mm*535mm*230mm
Weight (N. W.)	Packaged	6.5Kg/Unit
	Unpackaged	4.5Kg/Unit

2. LCD Monitor Description

The LCD Monitor will contain main board, power board, key board and an audio board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.



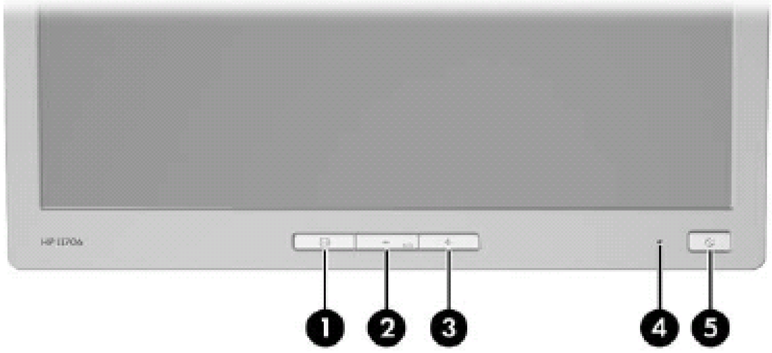
3. Operation Instructions

3.1 General Instructions

Press the power button to turn the monitor on or off. The other control buttons are located at front of the panel. By changing these settings, the picture can be adjusted to your personal performance.

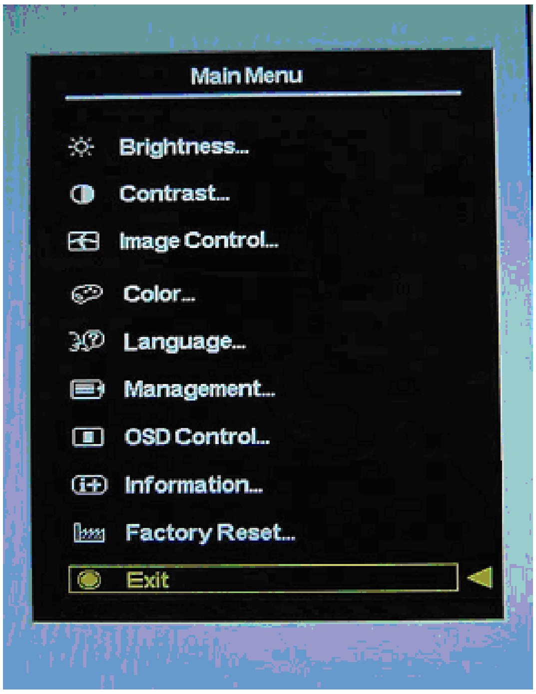
- The power cord should be connected and insert to adaptor.
- Connect the video cable from the monitor to the computer VGA card.
- Press the power button to turn on the monitor, the power indicator will light up to Green.

3.2 Control Buttons



Control		Function
❶	Menu	Opens, selects or exits the OSD menu.
❷	– (Minus button)	• Navigates backward through the OSD menu and decreases adjustment levels. • If the OSD menu is inactive, activates the auto adjustment feature to optimize the screen image.
❸	+ (Plus button)	Navigates forward through the OSD menu and increases adjustment levels.
❹	Power LED	Fully powered = Green. Sleep mode = Amber. Sleep Timer mode = Flashing Amber.
❺	Power	Turns the monitor on or off.

3.3 Adjust the Picture



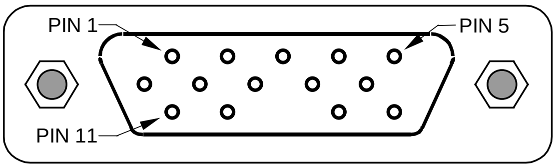
1.		Brightness	Adjust the brightness.
2.		Contrast	Adjust the contrast
3.		Image Control	Adjust the: ● Auto Adjustment: Adjusts the main settings and produces a stable, centered image. ● H-Position: horizontal position of the screen image. ● V-Position: vertical position of the screen image. ● Clock: frequency of the pixel clock to minimize vertical bar. ● Phase: phase value to minimize horizontal jitters.
4.		Color	● 9300K: recall 9300K color ● 6500K: recall 6500K color ● SRGB: recall SRGB color ● Custom Color: adjusts the color tint of white, and the red, green, and blue (RGB) mix for colors.
5.		Language	Shows the language of the OSD window.
6.		Management	● Power Saver: enable/disable power saving ● Power On Recall: enable/disable power recall ● Mode Display: enable/disable mode display ● Sleep Timer: set sleep timer ● Basic Menu: set to basic menu
7.		OSD Control	OSD (on Screen Display) settings: adjusts the H/V position, timeout, On Screen Display window.
8.		Information	Current setting, recommended setting, serial number, total hours, backlight hours, Exit.
9.		Factory Reset	Resets the display to original factory settings for color, brightness, phase, and clock.
10.		Exit	Exit the current OSD window.

4. Input/Output Specification

4.1 Input Signal Connector

Pin	Signal	Pin	Signal
1	Red Video	9	+5 V (from PC)
2	Green Video	10	Ground
3	Blue Video	11	Ground
4	Ground	12	DDC-serial Data
5	Detect Cable	13	Horizontal Sync
6	Red GND	14	Vertical Sync
7	Green GND	15	DDC-serial Clock
8	Blue GND		

VGA connector layout



4.2 Factory Preset Display Modes

Preset	Pixel Format	Horz Freq (KHz)	Horz Polarity	Vert Freq (Hz)	Vert Polarity	Pixel Clk (MHz)	Source
1	640 x 480	31.469	-	59.940	-	25.175	VGA
2	640 x 480	37.861	-	72.809	-	31.500	VESA
3	640 x 480	37.500	-	75.000	-	31.500	VESA
4	720 x 400	31.469	-	70.087	+	28.322	VGA
5	800 x 600	37.879	+	60.317	+	40.000	VESA
6	800 x 600	48.077	+	72.188	+	50.000	VESA
7	800 x 600	46.875	+	75.000	+	49.500	VESA
8	832 x 624	49.726	±	74.551	±	57.284	MAC
9	1024 x 768	48.363	-	60.004	-	65.000	VESA
10	1024 x 768	56.476	-	70.069	-	75.000	VESA
11	1024 x 768	60.023	+	75.029	+	78.750	VESA
12	1152 x 870	68.68	-	75.06	-	100.000	Mac
13	1152 x 900	71.71	-	76.05	-	105.561	Sun
14	1280 x 1024	63.98	+	60.02	+	108.000	VESA
15	1280 x 1024	79.97	+	75.02	+	135.000	VESA

4.3 Power Supply Requirements

Parameter	Range
AC Line Voltage range	100 to 240V
AC Line Frequency range	47 to 63 Hz
Peak surge Current	< 55 A MAX AT 220VAC and cold starting
Leakage Current	< 3.5 mA
Power Consumption	⩽37W

5. Panel Specification

5.1 General Feature

Items	Specification
Pixel Pitch	0.264(H) x 0.264(W)
Active Display Area	337.92(H) x 270.336(V)
Surface Treatment	Haze 25%, Hard-coating (3H)
Display Colors	16.7M(Hi-FRC)
Number of Pixels	1280 x 1024
Pixel Arrangement	RGB vertical stripe
Display Mode	Normally White
Power Consumption	21.9 Watt (Typ.)
Luminance of White	300(Typ.)

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Power Supply Voltage	V_{DD}	GND-0.5	6.5	V
Data Signal	V_{sig}	-	5	V
Storage temperature	T_{STG}	-25	60	℃
Center of Glass surface temperature (Operation)	T_{OPR}	0	50	℃
Shock (non - operating)	S_{nop}	-	50	G
Vibration (non - operating)	V_{nop}	-	1.5	G

5.2 Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit	Note
Contrast Ratio (Center of screen)		C/R	Normal $\theta_{L,R}=0$ $\theta_{U,D}=0$ Viewing Angle	600	1,000	-		(3) SR-3
Response Time	Rising	Tr		-	1.3	4	msec	(5) RD-80S
	Falling	Tf		-	3.7	6		
Luminance of White (Center of screen)		Y_L		250	300	-	cd/m2	(6) SR-3
Color Chromaticity (CIE 1931)	Red	Rx		0.620	0.650	0.680		
		Ry		0.300	0.330	0.360		
	Green	Gx		0.270	0.300	0.330		
		Gy		0.570	0.600	0.630		
	Blue	Bx		0.120	0.150	0.180		
		By		0.050	0.080	0.110		
	White	Wx		0.283	0.313	0.343		
		Wy		0.299	0.329	0.359		(7),(8)
Color Chromaticity (CIE 1976)	Red	Ru'		-	0.459	-		SR-3
		Rv'		-	0.525	-		
	Green	Gu'		-	0.125	-		
		Gv'		-	0.563	-		
	Blue	Bu'		-	0.164	-		
		Bv'		-	0.197	-		
	White	Wu'		-	0.198	-		
		Wv'		-	0.468	-		
C.G.L	wHITE	$\triangle u'v'$		-	0.018	-		(9)
Color Gamut		-		-	72	-	%	
Color Temperature		-		-	6,500	-	K	
Viewing Angle	Hor.	θ_L	CR≥10(5)	70(80)	80(89)	-	Degrees	(8) SR-3
		θ_R		70(80)	80(89)	-		
	Ver.	θ_U		70(80)	80(89)	-		
		θ_D		70(80)	80(89)	-		
Brightness Uniformity (9 Points)		B_{uni}		-	-	25	%	(4) SR-3

5.3 Parameter guide line for CCFL Inverter

TFT LCD Module:

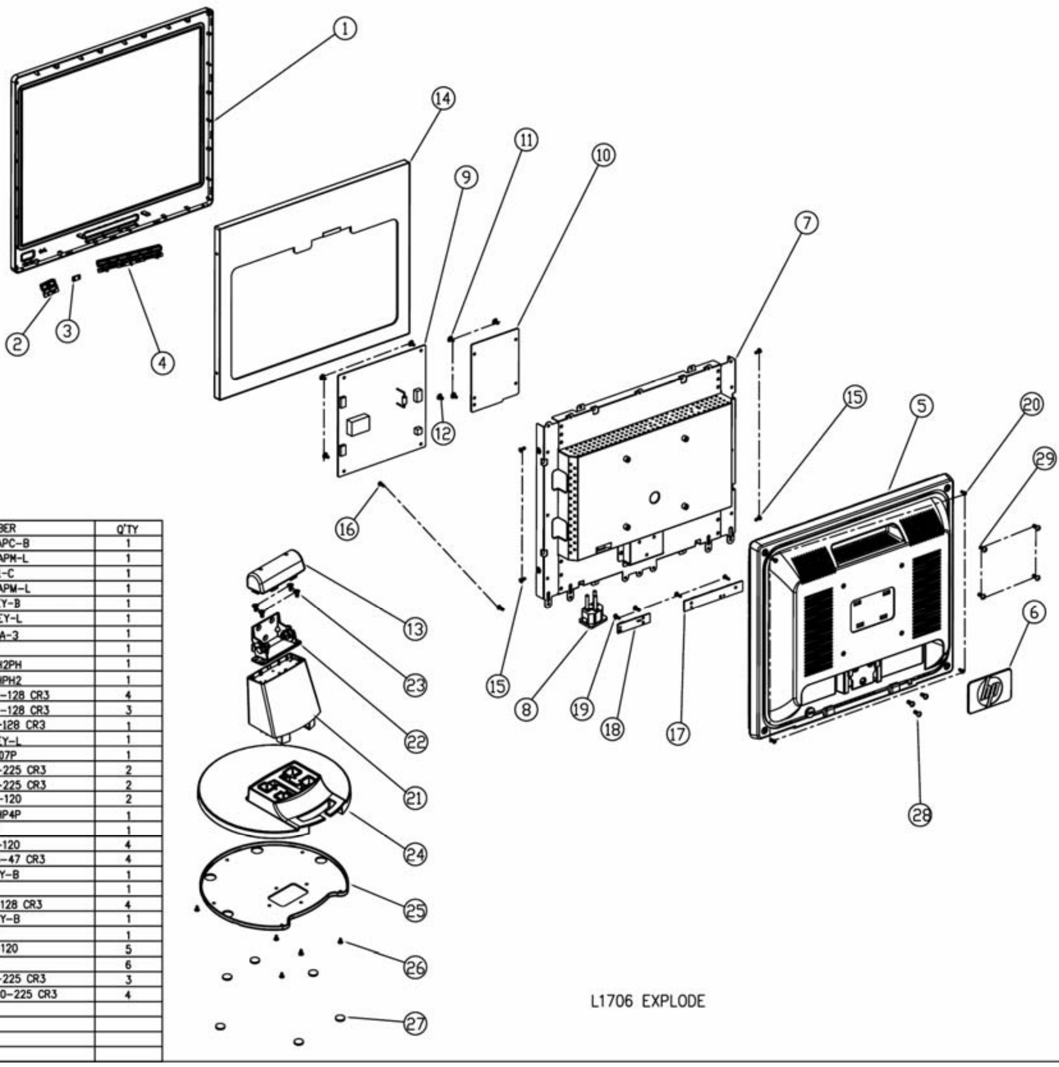
Item		Symbol	Min.	Typ.	Max.	Unit
Voltage of Power Supply		V_{DD}	4.5	5.0	5.5	V
LVDS Input Characteristics	Differential Input Voltage for LVDS Receiver Threshold	High	-	-	+100	mV
		Low	-100	-	-	mV
	LVDS skew	t_{SKEW}	-300		300	ps
	Differential input voltage	$\|V_{ID}\|$	200		600	mV
	Input voltage range (single-ended)	V_{IN}	0		2.4	V
	Common mode voltage	V_{CM}	0+ $\|V_{ID}\|/2$	1.2	2.4- $\|V_{ID}\|/2$	V
Current of Power Supply	(a) Black	I_{DD}	-	850	-	mA
	(b) White		-	750	-	mA
	(c) Dot		-	1000	1200	mA
Vsync Frequency		f_V	49	60	77	Hz
Hsync Frequency		f_H	56.7	64	82.08	kHz
Main Frequency		f_{DCLK}	40	54	69.28	MHz
Rush Current		I_{RUSH}	-	-	3.0	A

Back Light Unit:

Item		Symbol	Min.	Typ.	Max.	Unit
Lamp Current		I_L	3.0	6.5	7.0	mArms
Lamp Voltage		V_L	-	650	-	Vrms
Lamp Frequency		f_L	40	-	60	kHz
Operating Life Time		Hr	50,000	-	-	Hour
Inverter waveform	Asymmetry rate	Wasy	-	-	10	%
	Distortion rate	Wdis	1.2726	1.414	1.5554	
Startup Voltage		Vs	-	-	0℃ : 1,650 25℃: 1,450	Vrms

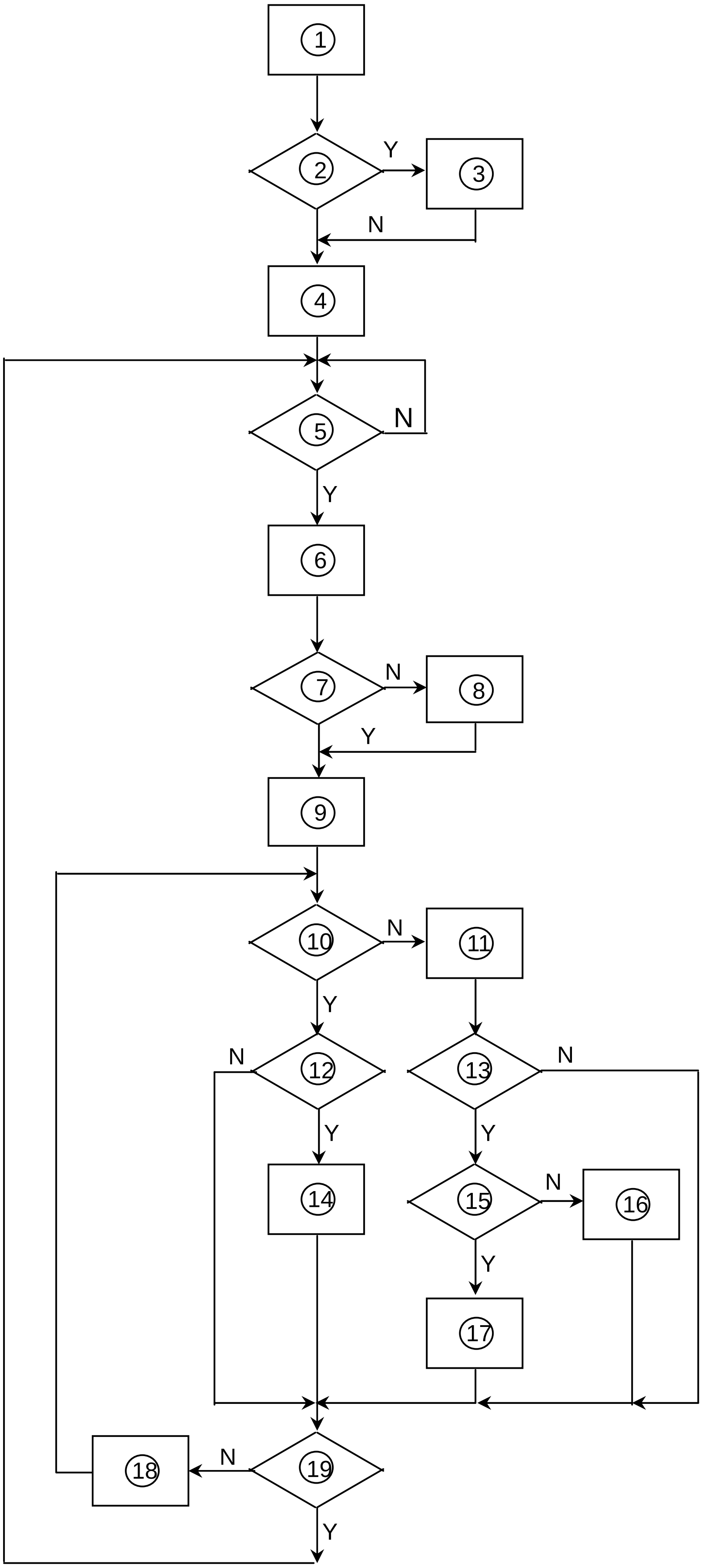
6. Block Diagram

6.1 Monitor Exploded View



ITEM	DESCRIPTION	PART NUMBER	Q'TY
1	BEZEL	34G1567-APC-B	1
2	POWER BUTTON	33G4858-APM-L	1
3	POWER LENS	33G4859-1-C	1
4	OSD FUNCTION KEY	33G6403-APM-L	1
5	REAR COVER	34G1568-EY-B	1
6	LOGO PLATE	33G4856-EY-L	1
7	MAINFRAME_CPT	H15G8162-A-3	1
8	AC SOCKET		1
9	HP L1706 POWER PCB BOARD	PWPC742CH2PH	1
10	HP L1706 SCALE PCB BOARD	CBPC6CM9HPH2	1
11	SCREW M3X6	M1G1730-6-128 CR3	4
	SCREW M3X6	M1G1730-6-128 CR3	3
12	SCREW M4X6	M1G1740-6-128 CR3	1
13	STAND CAP	33G4889-EY-L	1
14	PANEL CPT	CLAA170EA07P	1
15	SCREW M3X4	M1G130-5-225 CR3	2
	SCREW M3X4	M1G130-5-225 CR3	2
16	SCREW M3X6	Q1G330-6-120	2
17	HP L1706 OSD PCB BOARD	KEPC980KHP4P	1
18	HP L1706 POWER KNOB BOARD	KEPC6HB3	1
19	SCREW M3X6	Q1G330-6-120	4
20	SCREW M3X4	P1G3030-5-47 CR3	4
21	STAND PILLAR	34G1625-EY-B	1
22	HINGE ASSY	37G513-5	1
23	SCREW M4X8	Q1G140-8-128 CR3	4
24	STAND BASE	34G1566-EY-B	1
25	BASE BRACKET	15G8161-2	1
26	SCREW M3X6	Q1G130-6-120	5
27	RUBBER FOOT	12G394-4	6
28	SCREW M4X8	M1G340-8-225 CR3	3
29	SCREW M4X10	M1G2940-10-225 CR3	4

6.2 Software Flow Chart

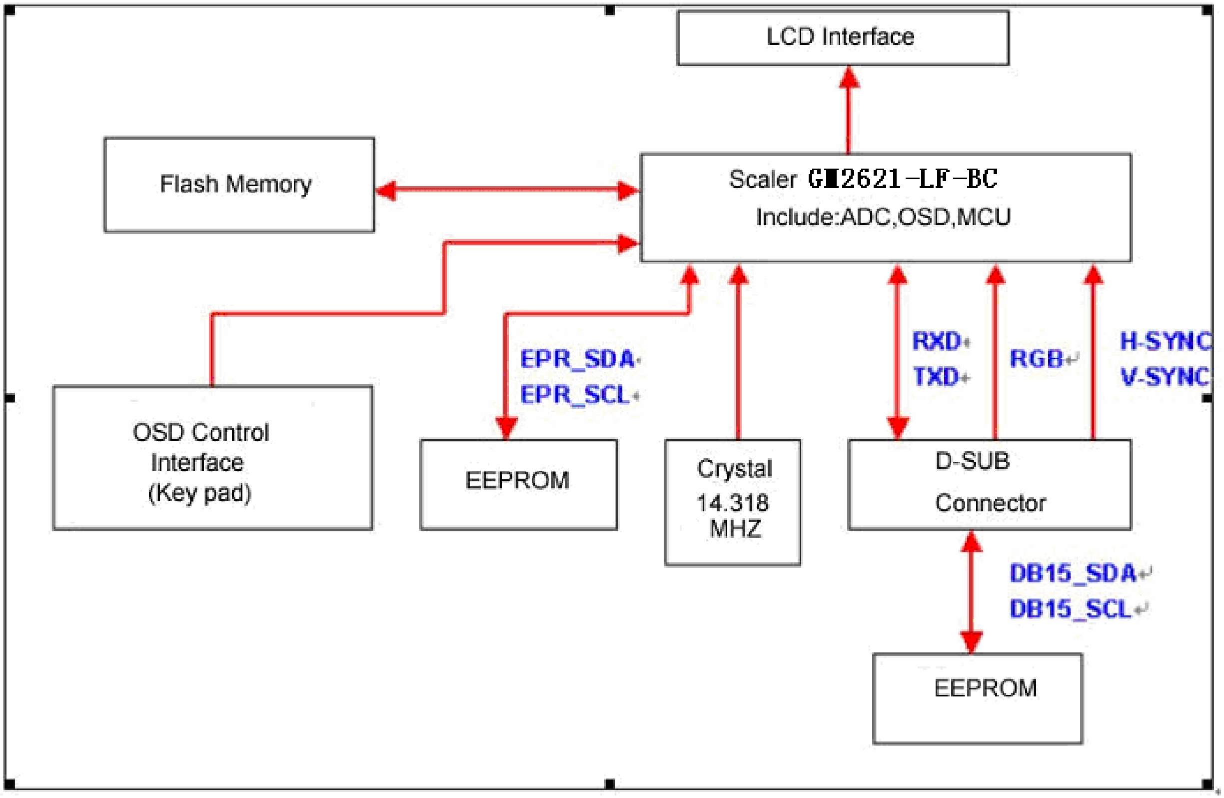


REMARK:

1) MCU initialize.
2) Is the EEprom blank?
3) Program the EEprom by default values.
4) Get the PWM value of brightness from EEprom.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EEprom. Turn on the LED and set it to green color. Scalar initialize.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are they're any signals coming?
13) Does the scalar send out an interrupt request?
14) Wake up the scalar.
15) Are there any signals coming from analog port?
16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappear.
17) Program the scalar to be able to show the coming mode.
18) Process the OSD display.
19) Read the keyboard. Is the power key pressed?

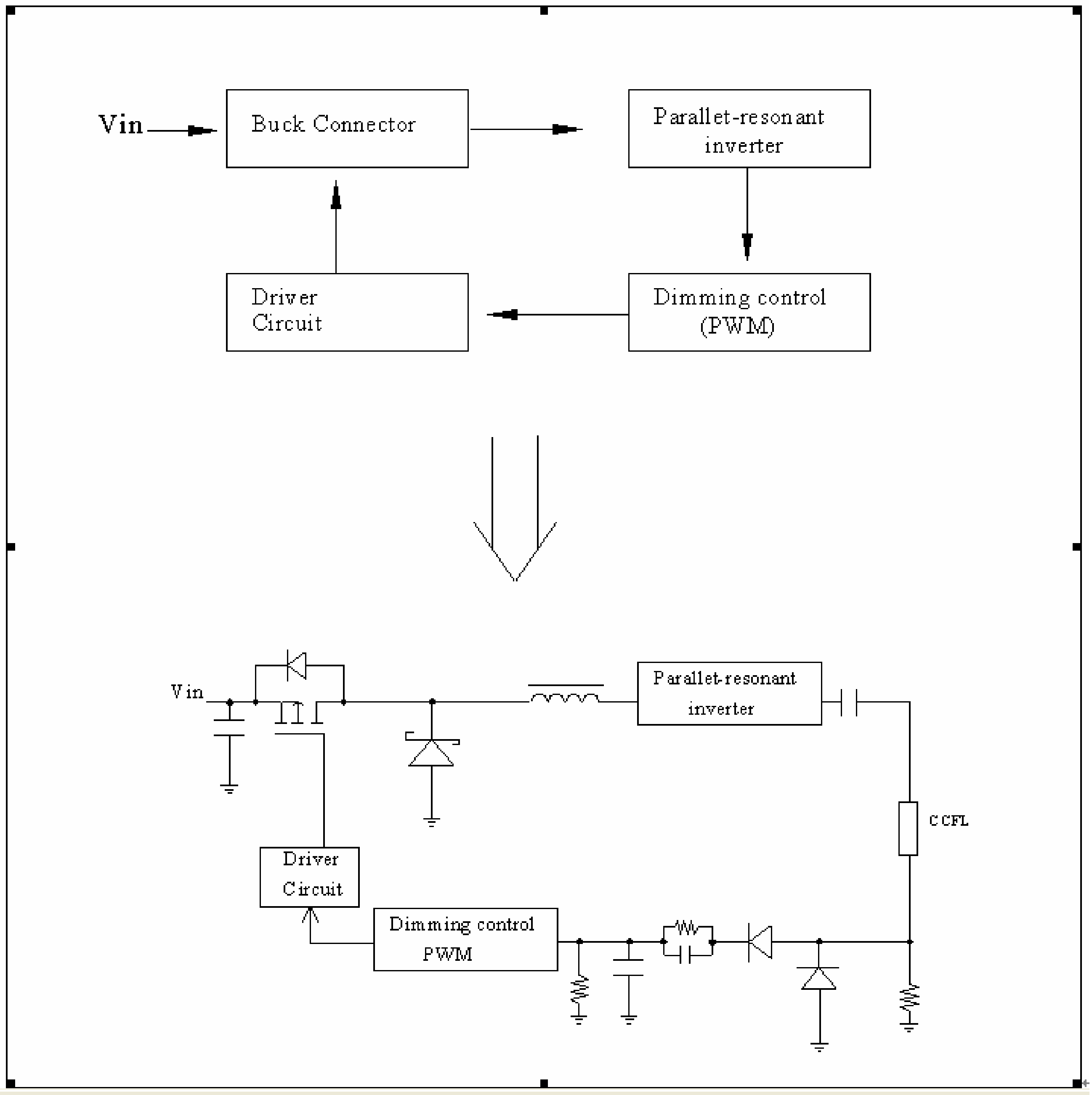
6.3 Electrical Block Diagram

6.3.1 Scalar Board

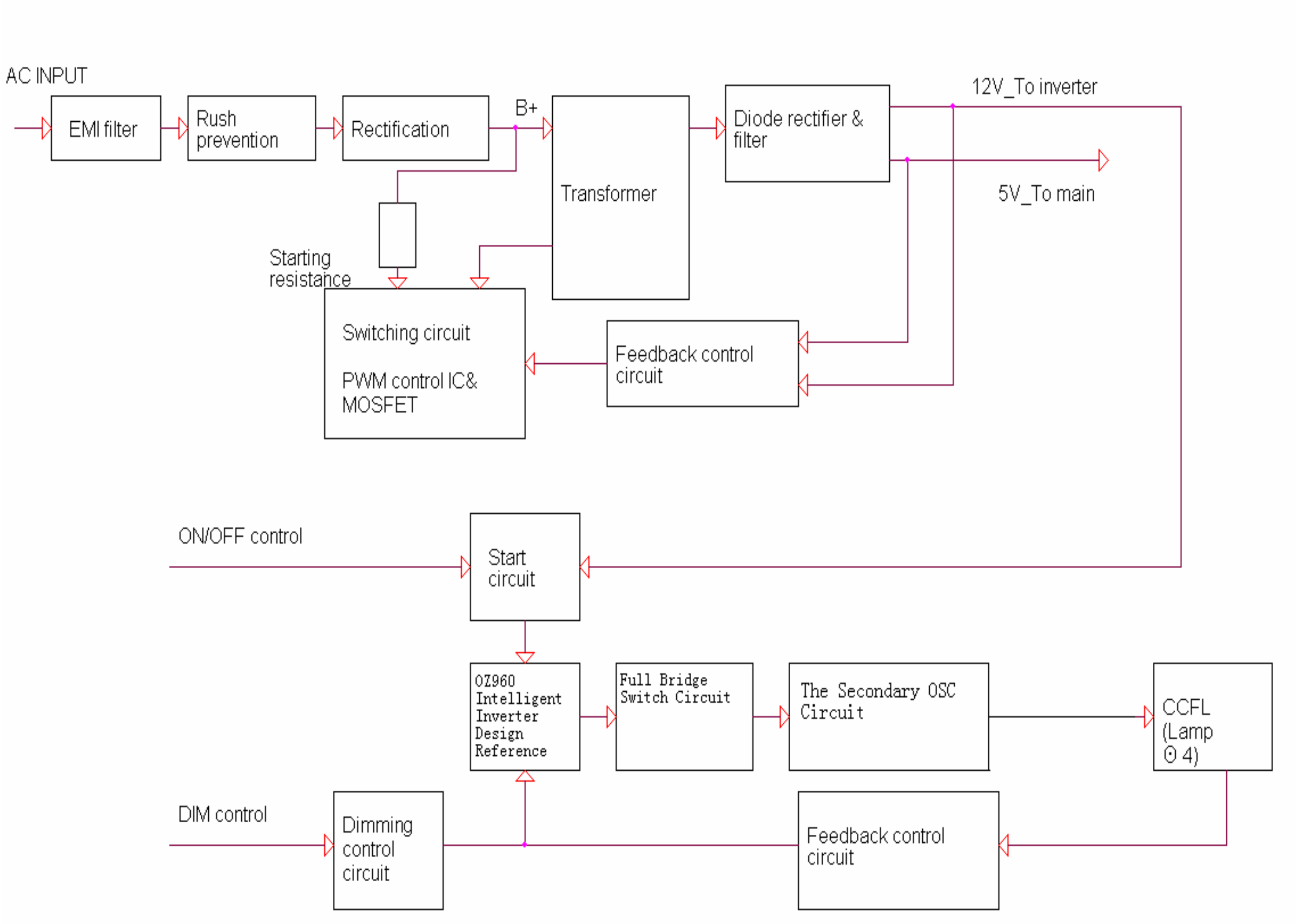


6.3.2 Inverter / Power Board

Inverter Block Diagram



Power Block Diagram



7. Schematic

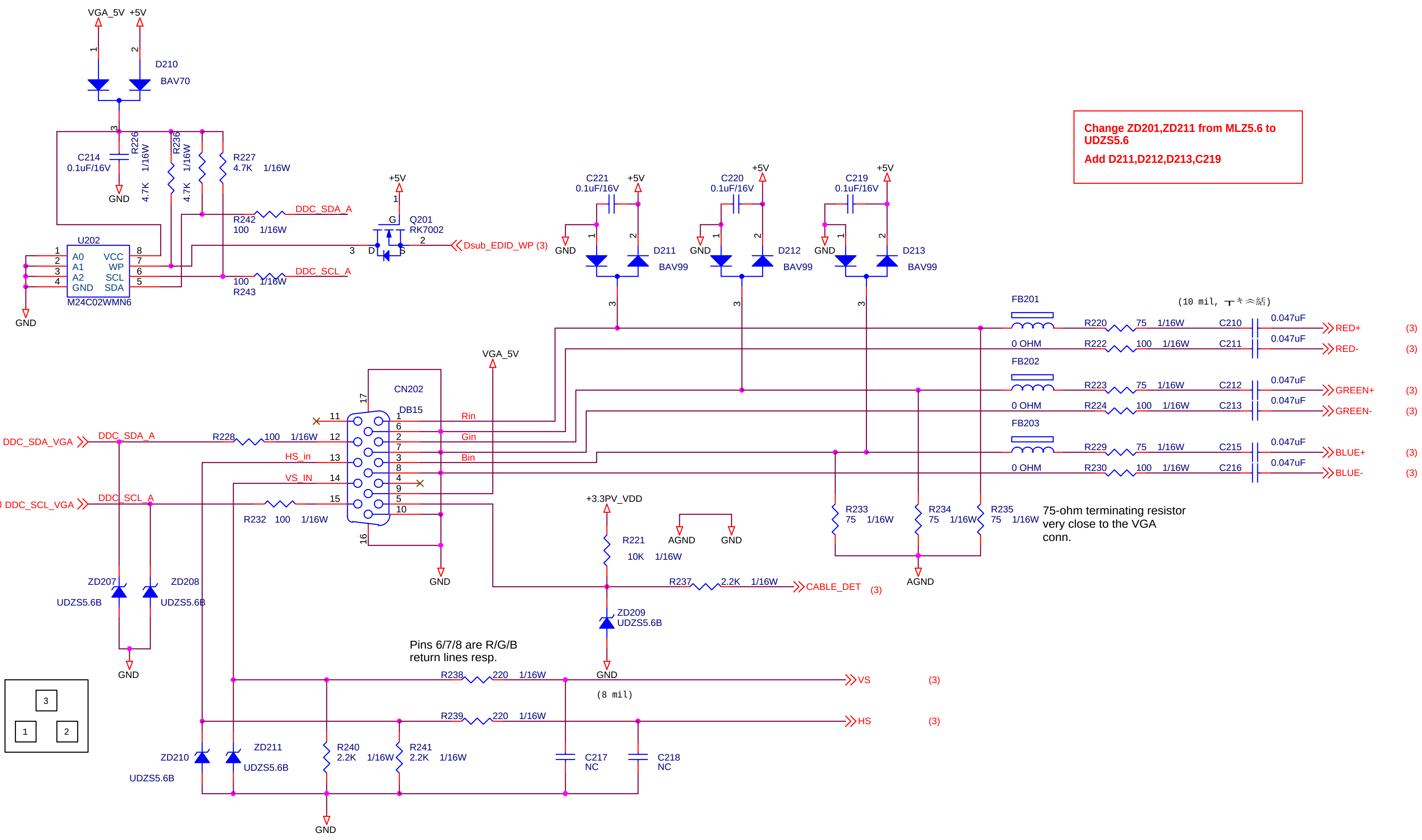
7.1 Main Board

CONTENTS

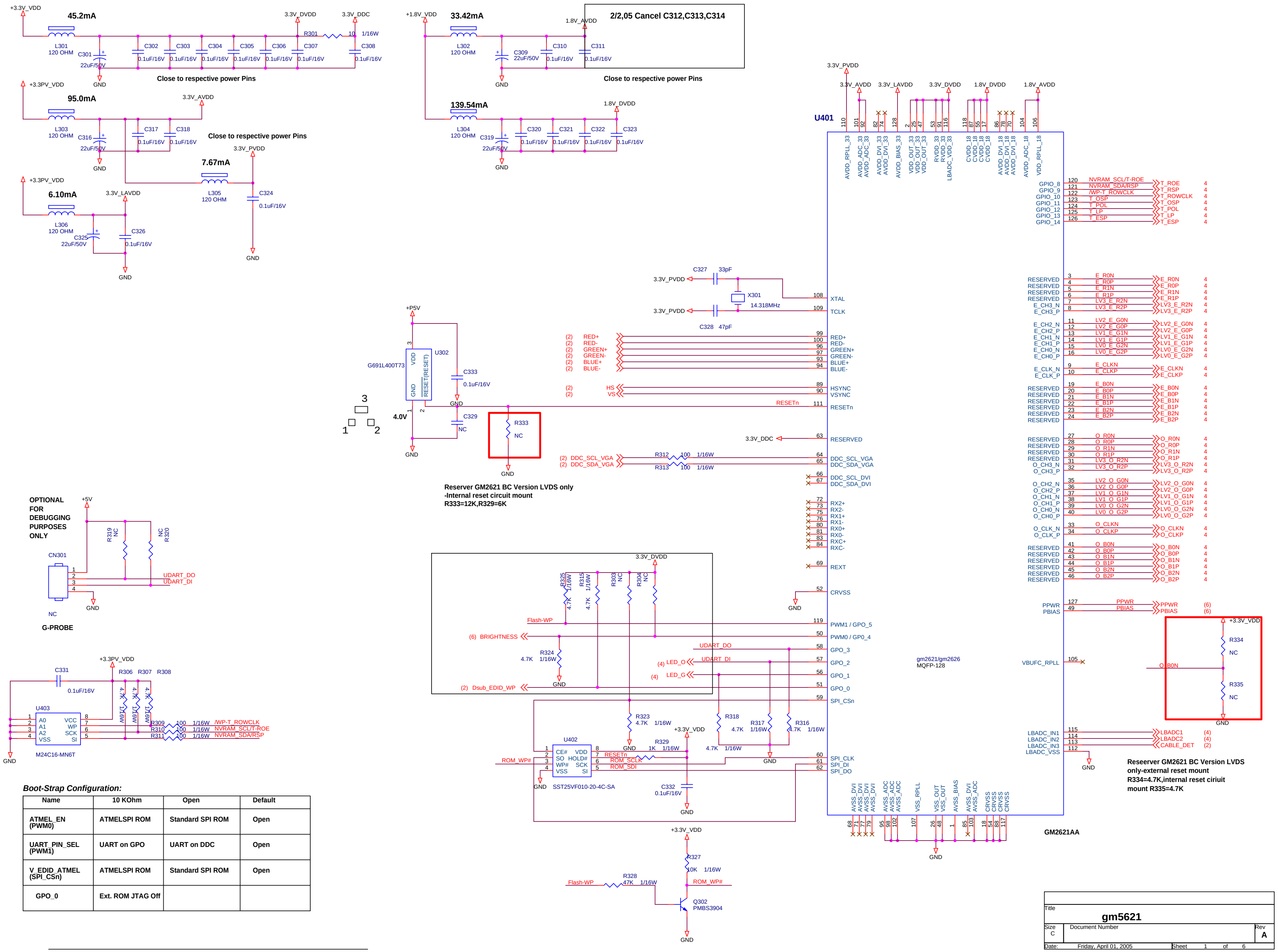
REVISION HISTORY

Date	Author	Ver	Comments
1/25/'05	scar	A	Preliminary
2/24/'05	scar	B	2/24 R318 Changed from 0 Ohm to 4.7K Ohm 2/24 R236 Changed from 0 Ohm to NC 2/24 LED_G Changed from GPO3 to GPO1 2/17/05 Changed from NC to G691L400T73 4.0V(open drain) 2/24 C328 Changed from 33pF to 47pF 2/24 C325 Changed from 22uF to NC 2/17/05 Changed from 1K to 47K 2/24 Q201 Changed from NC to 57L759-2 3/21 Layout Cancel R231,R225Net 2/17/05 R211Changed from +5V to +3.3V_VDD 2/24 R605 Changed from 100K to 10K 2/24 R608 Changed from 10K to 100K 2/24 C616 Changed from 0.068uF to 0.1uF 2/24 C605 Changed from 220uF to NC 2/24 C601 Changed from 22uF to NC 2/24 C602 Changed from 220uF to 100 uF 2/24 U602 Changed from TO-263 to 56L563-27 SOT-223 2/24 C601 Changed from 220uF to 100 uF 2/24/05 D601,D602 layout package 肖粇
3/31/'05	scar	C	3/21 R236 Changed from GND to VCC(61L0603472) 3/31/05 EMI Solution:Add L401~L406 3/31 EMI Solution: Add L601~L604

Title		
LCD Control Board		
Size	Document Number	Rev A
Date: Friday, April 01, 2005	Sheet 1 of 6	

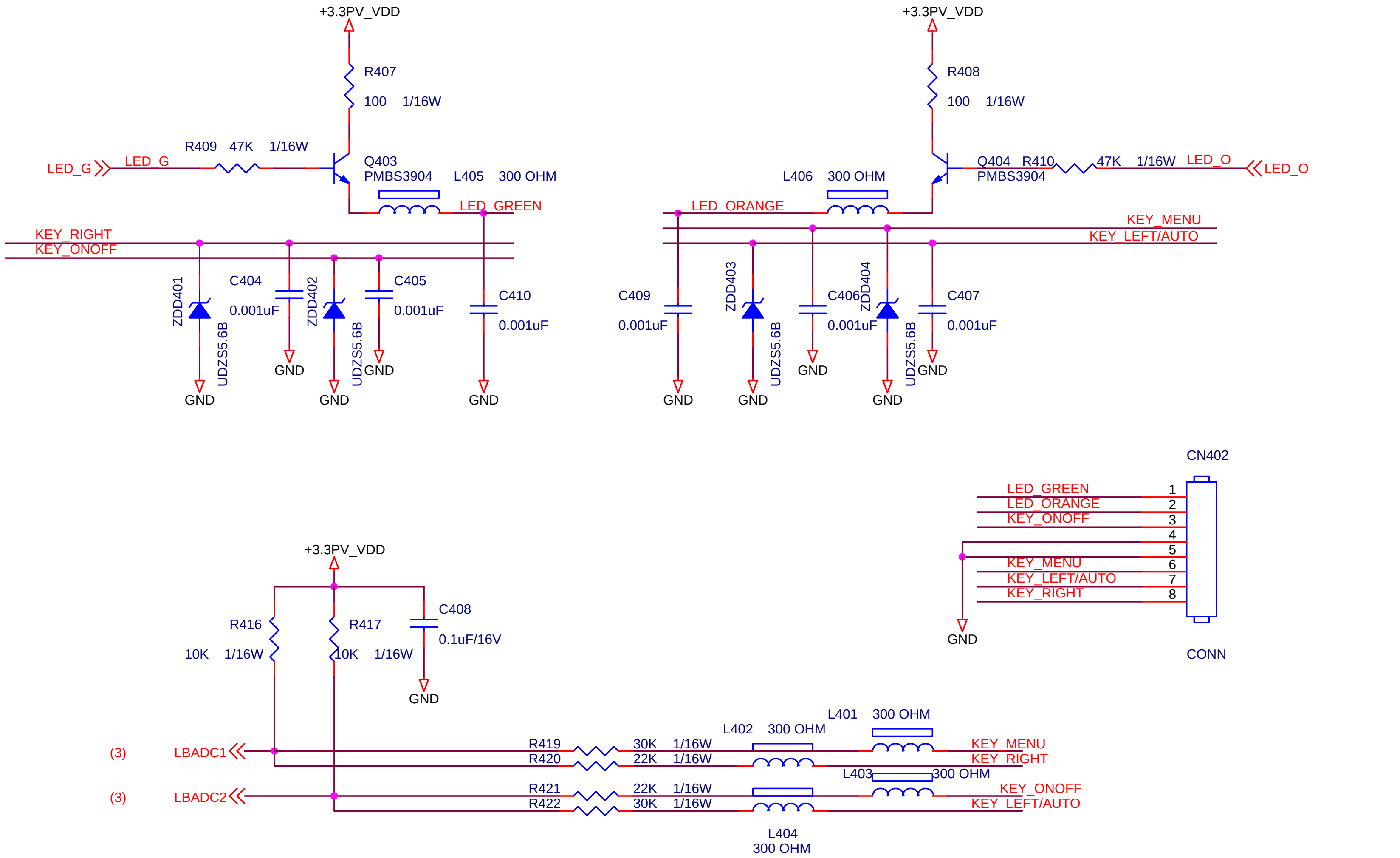


Title		
Input Connectors		
Size B	Document Number	Rev A
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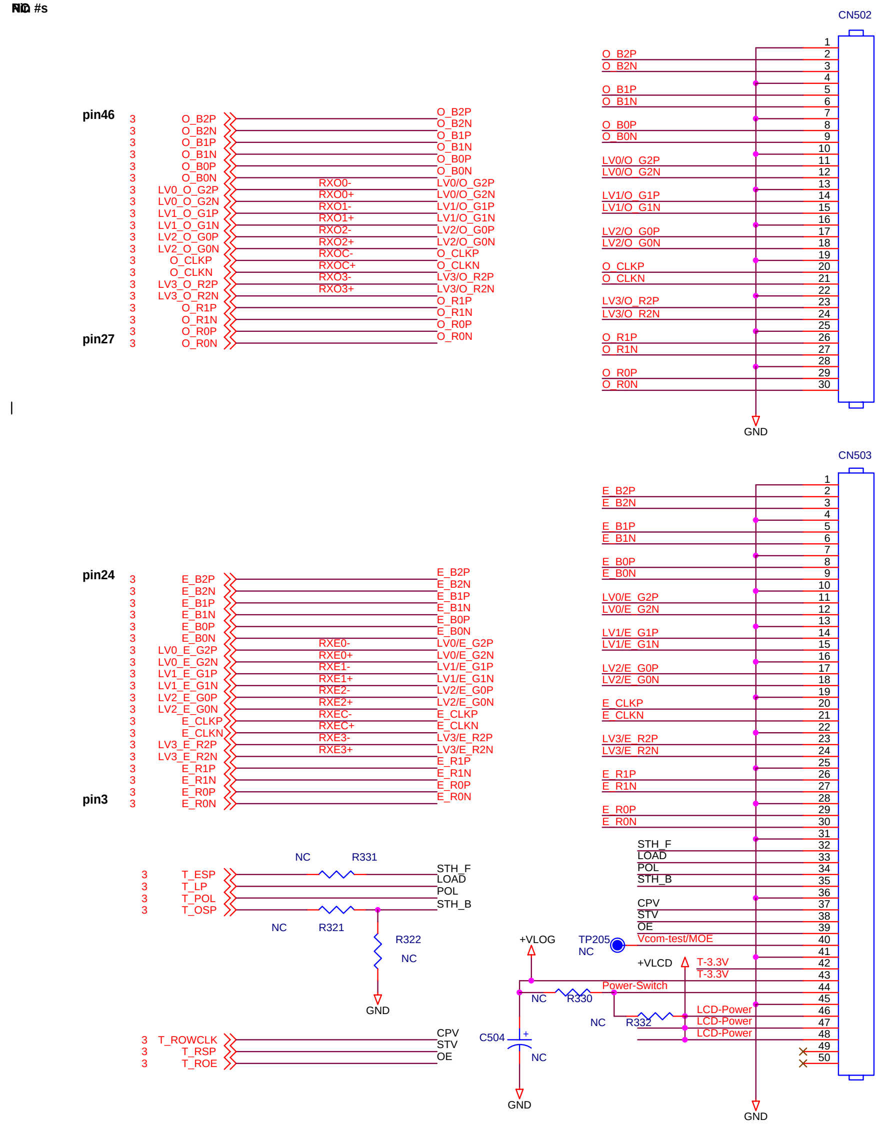


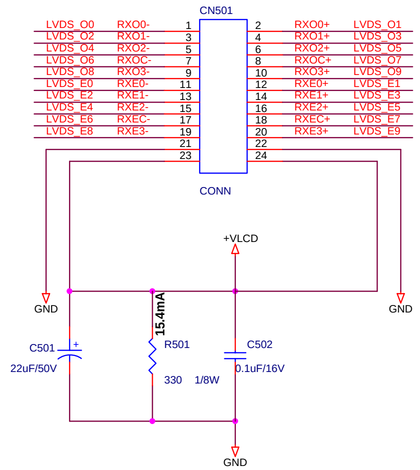
Boot-Strap Configuration:

Name	10 KOhm	Open	Default
ATMEL_EN (PWM0)	ATMELSPI ROM	Standard SPI ROM	Open
UART_PIN_SEL (PWM1)	UART on GPO	UART on DDC	Open
V_EDID_ATMEL (SPI_CSn)	ATMELSPI ROM	Standard SPI ROM	Open
GPO_0	Ext. ROM JTAG Off		



Title		
KEYPAD		
Size A	Document Number	Rev **A**
Date: Friday, April 01, 2005	Sheet 4 of 6	

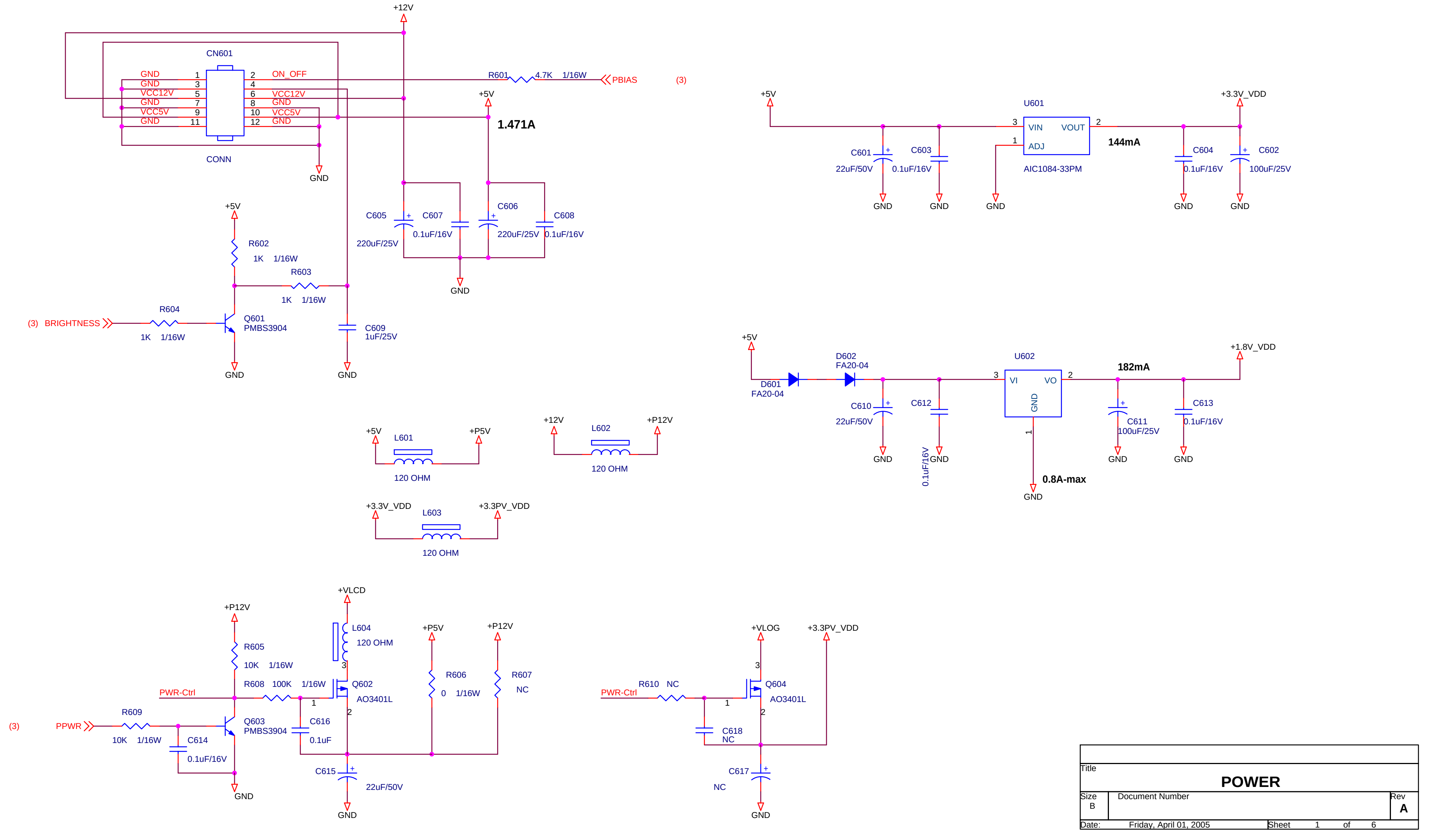




AU EN04-V2= 1.113A

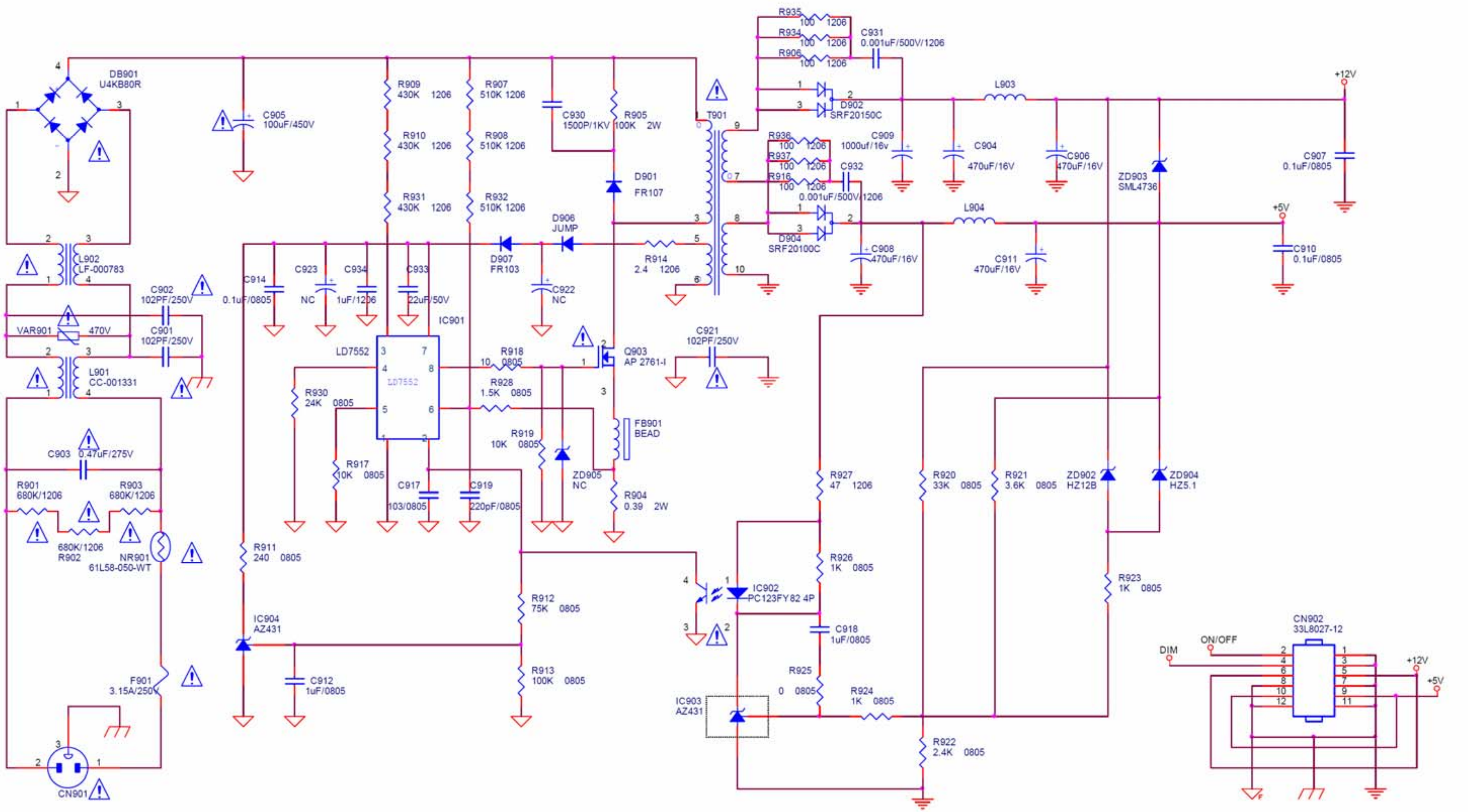
CN503: RSDS interface - PANEL Pin Define			
Pin#	CPT PANEL-170EA08	Hydis-HM170E01-100	HANNSTAR-150SXA2
35 STH_B	Connect-R321	Connect-R321	Connect-R322
40 Vcom-test/MOE	TEST(NC)	MOE(NC)	TEST(NC)
44 Power switch	Connect-R332	Connect-R332	Connect-R331
46,47,48 LCD POWER	12V-R607	5V-R606	NC

Title		
PANEL INTERFACE		
Size B	Document Number	Rev A
Date: Friday, April 01, 2005	Sheet 5 of 6	

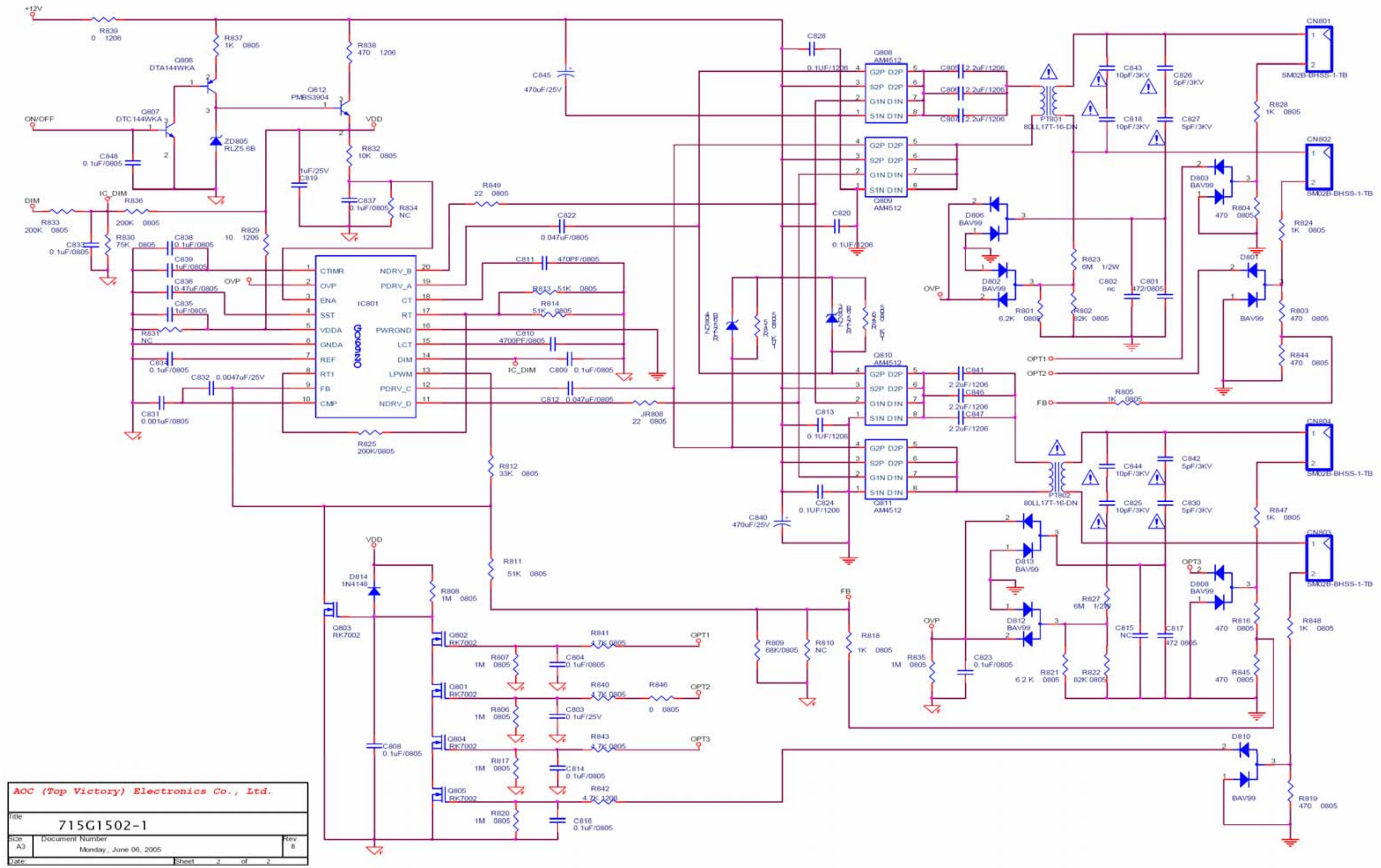


+12V
CN601
GND 1 2 ON_OFF
GND 3 4
VCC12V 5 6 VCC12V
GND 7 8 GND
VCC5V 9 10 VCC5V
GND 11 12 GND
CONN
GND
R601 4.7K 1/16W
PBIAS (3)
+5V
1.471A
C605 220uF/25V
C607 0.1uF/16V
C606 220uF/25V
C608 0.1uF/16V
R602 1K 1/16W
R603 1K 1/16W
R604 1K 1/16W
(3) BRIGHTNESS
Q601 PMBS3904
C609 1uF/25V
U601
VIN VOUT ADJ
AIC1084-33PM
144mA
+3.3V_VDD
C601 22uF/50V
C603 0.1uF/16V
C604 0.1uF/16V
C602 100uF/25V
D601 FA20-04
D602 FA20-04
U602
VI VO GND
182mA
0.8A-max
+1.8V_VDD
C610 22uF/50V
C612 0.1uF/16V
C611 100uF/25V
C613 0.1uF/16V
L601 120 OHM +P5V
L602 120 OHM +P12V
L603 120 OHM +3.3PV_VDD
+VLCD
L604 120 OHM
+P12V
R605 10K 1/16W
R608 100K 1/16W
Q602 AO3401L
PWR-Ctrl
(3) PPWR
R609 10K 1/16W
Q603 PMBS3904
C614 0.1uF/16V
C616 0.1uF
C615 22uF/50V
R606 0 1/16W
R607 NC
+VLOG
R610 NC
Q604 AO3401L
C618 NC
C617 NC
Title
POWER
Size B
Document Number
Rev A
Date: Friday, April 01, 2005
Sheet 1 of 6

7.2 Power Board

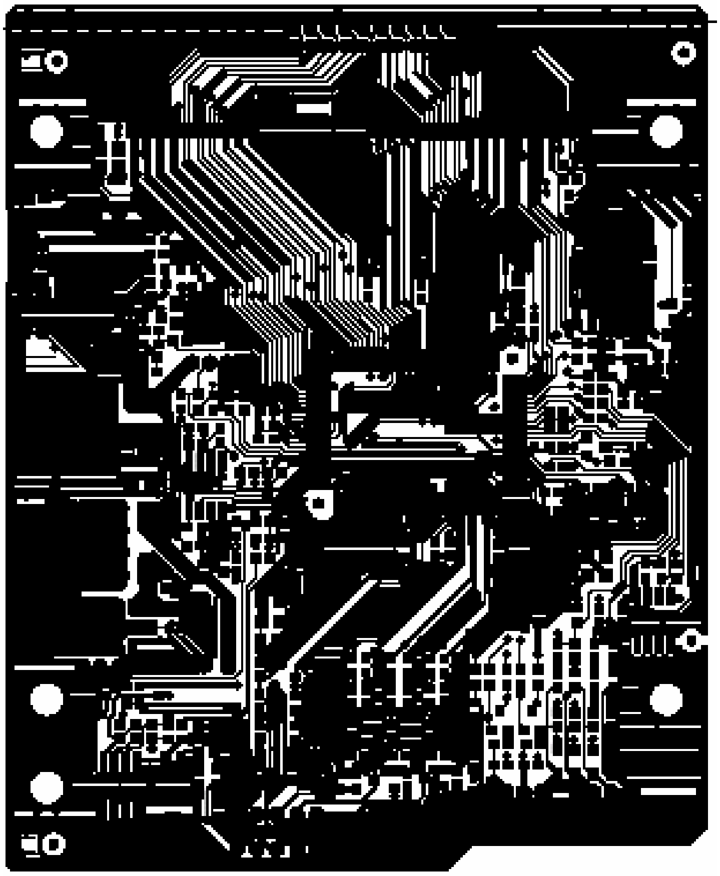


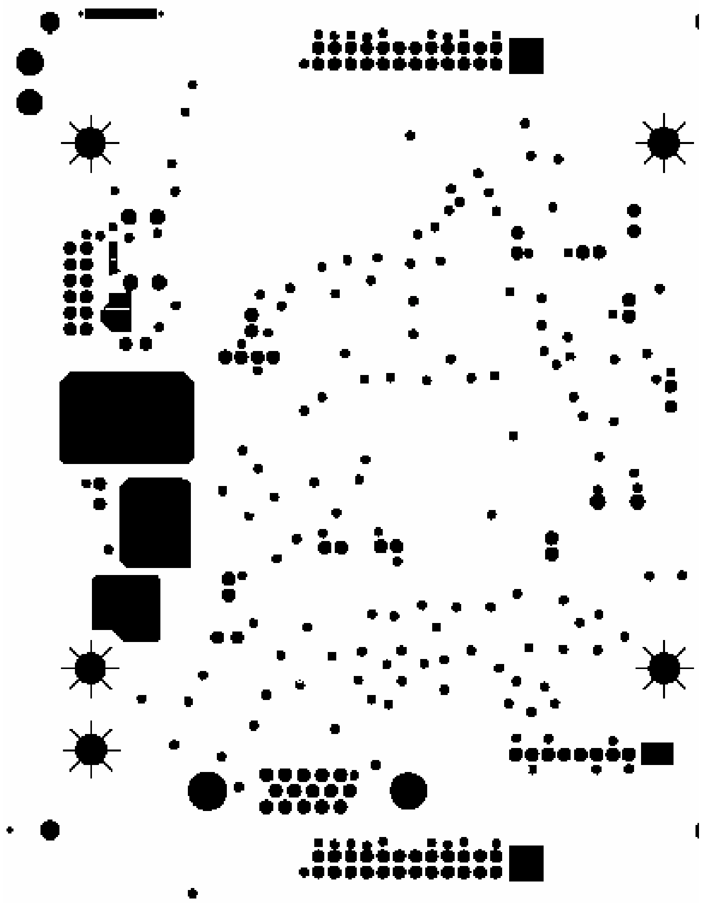
AOC (Top Victory) Electronics Co., Ltd.		
Title: 1.POWER OUTPUT 12V & 5 V		
Size: B	Document Number: 715L1502-1	Rev: B
Date: Monday, May 16, 2005	Sheet 1 of 2	

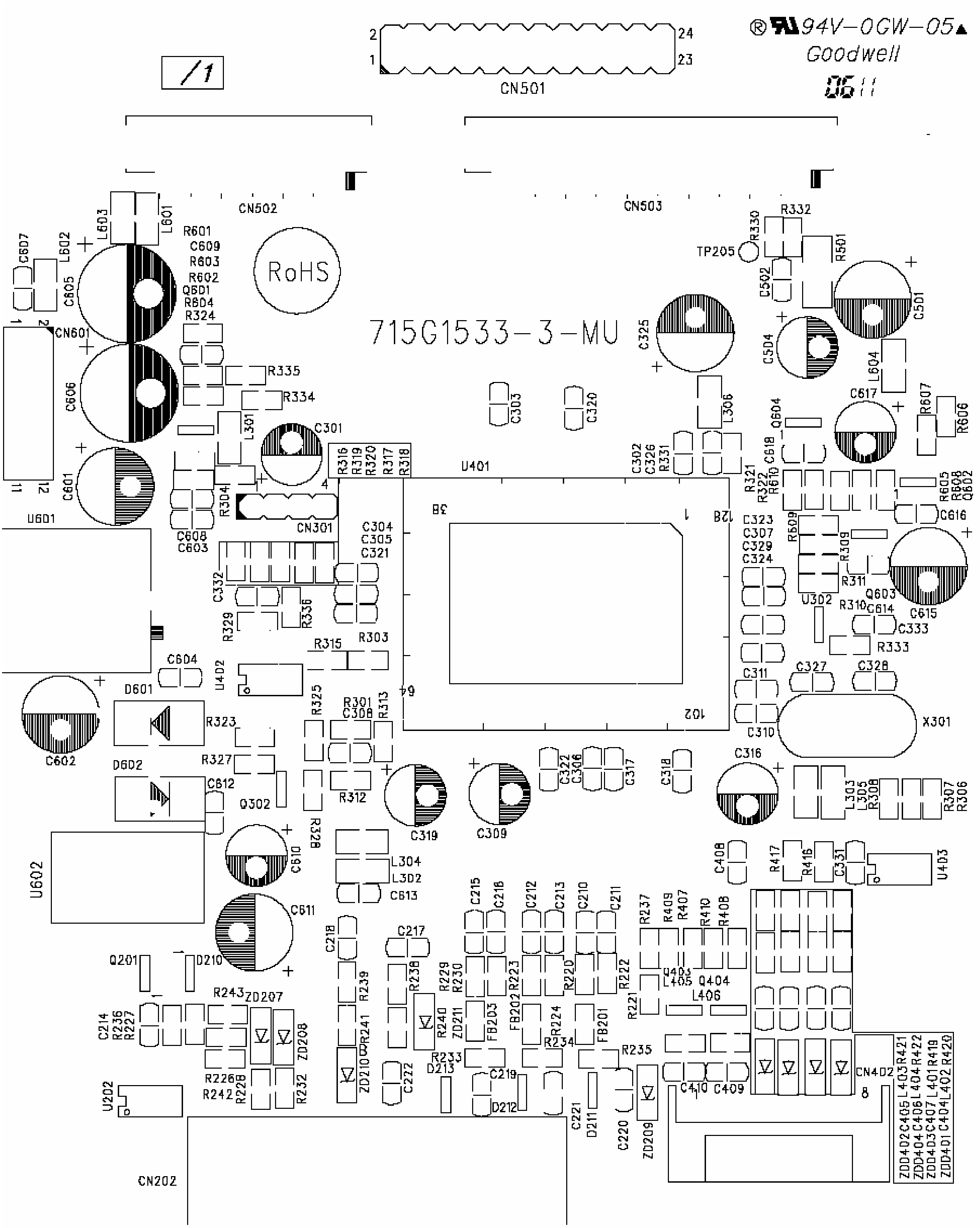

AOC (Top Victory) Electronics Co., Ltd.
Title
715G1502-1
Size A3
Document Number
Rev 8
Monday, June 06, 2005
Date:
Sheet 2 of 2

8. PCB Layout

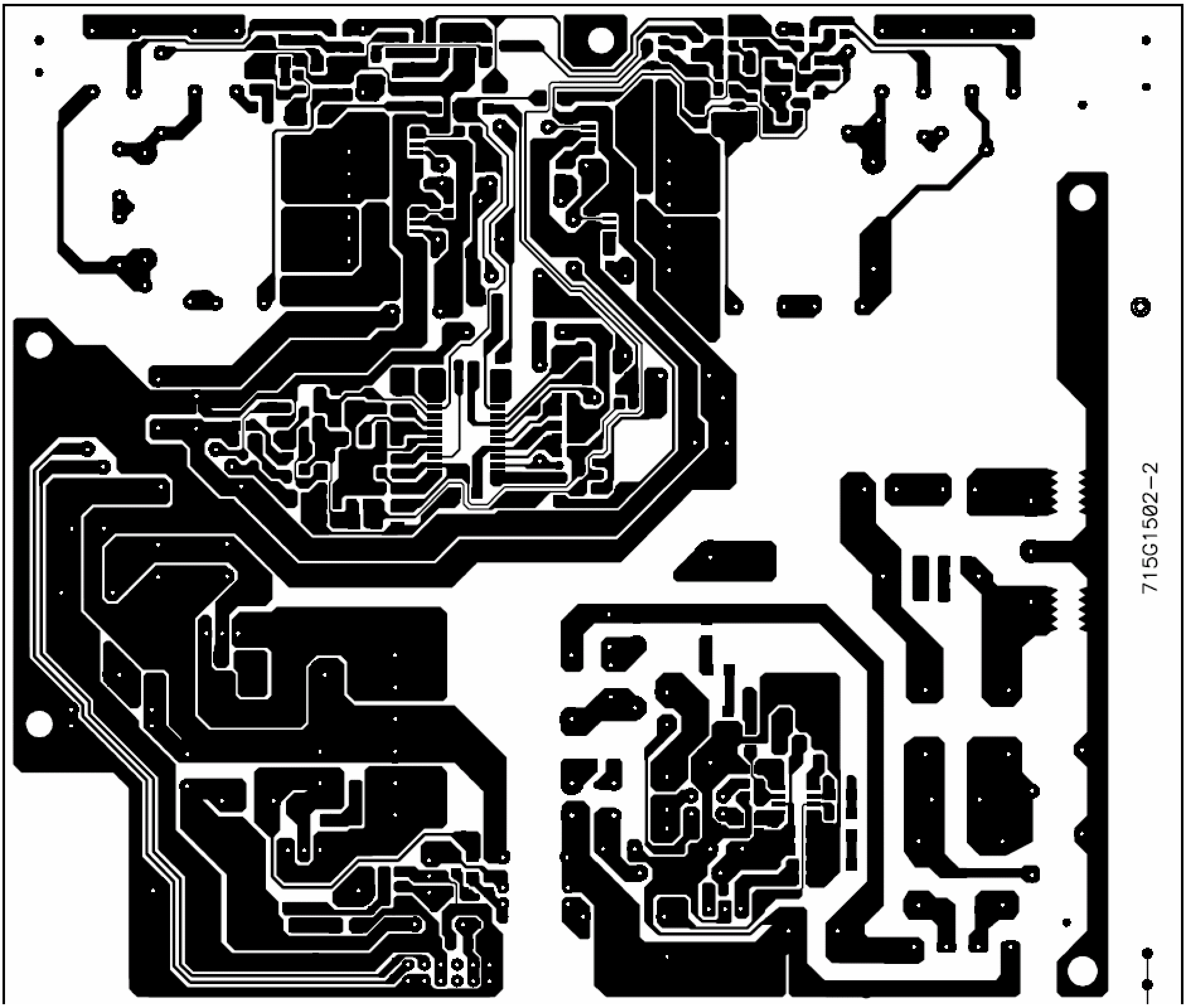
8.1 Main Board

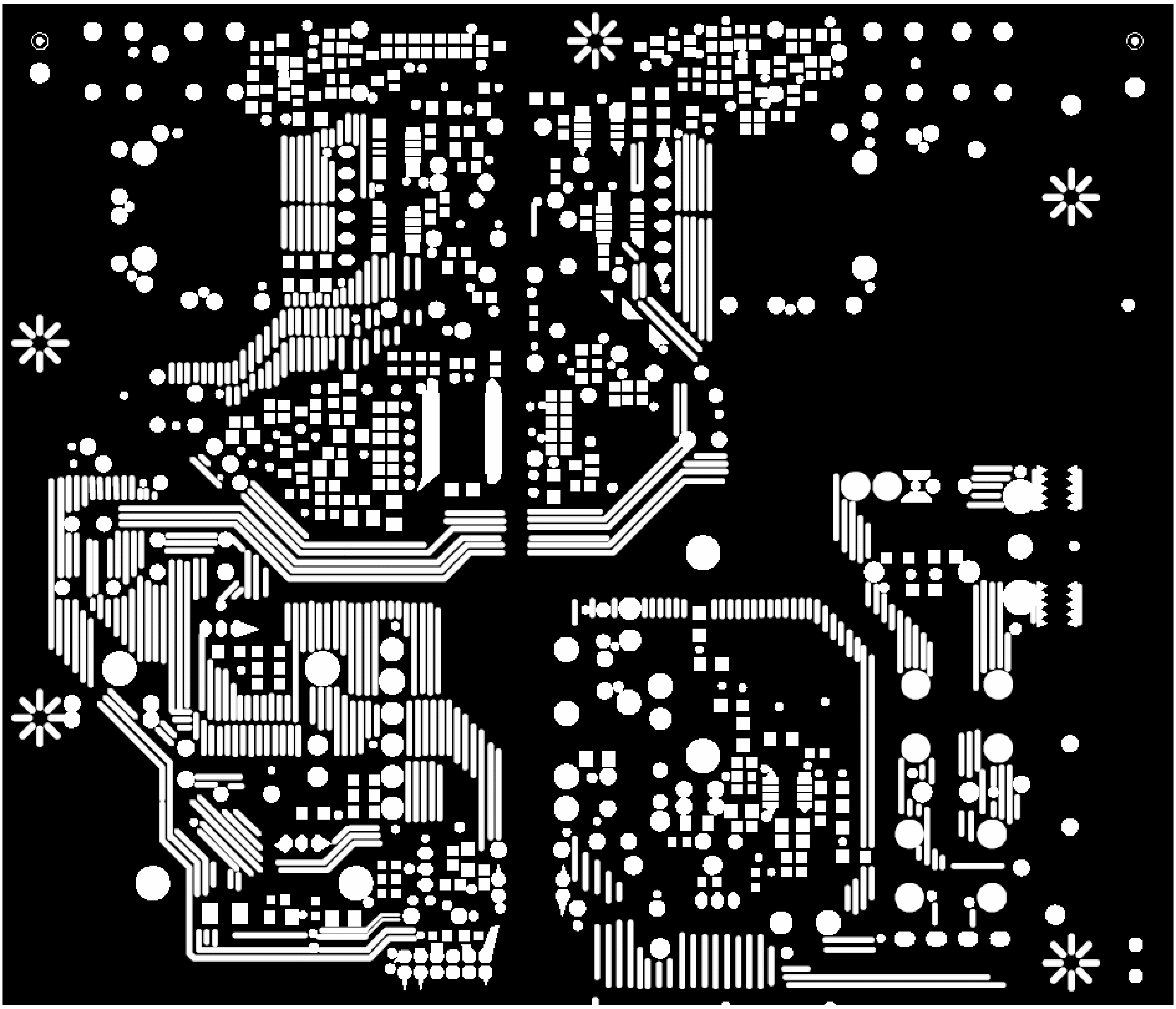


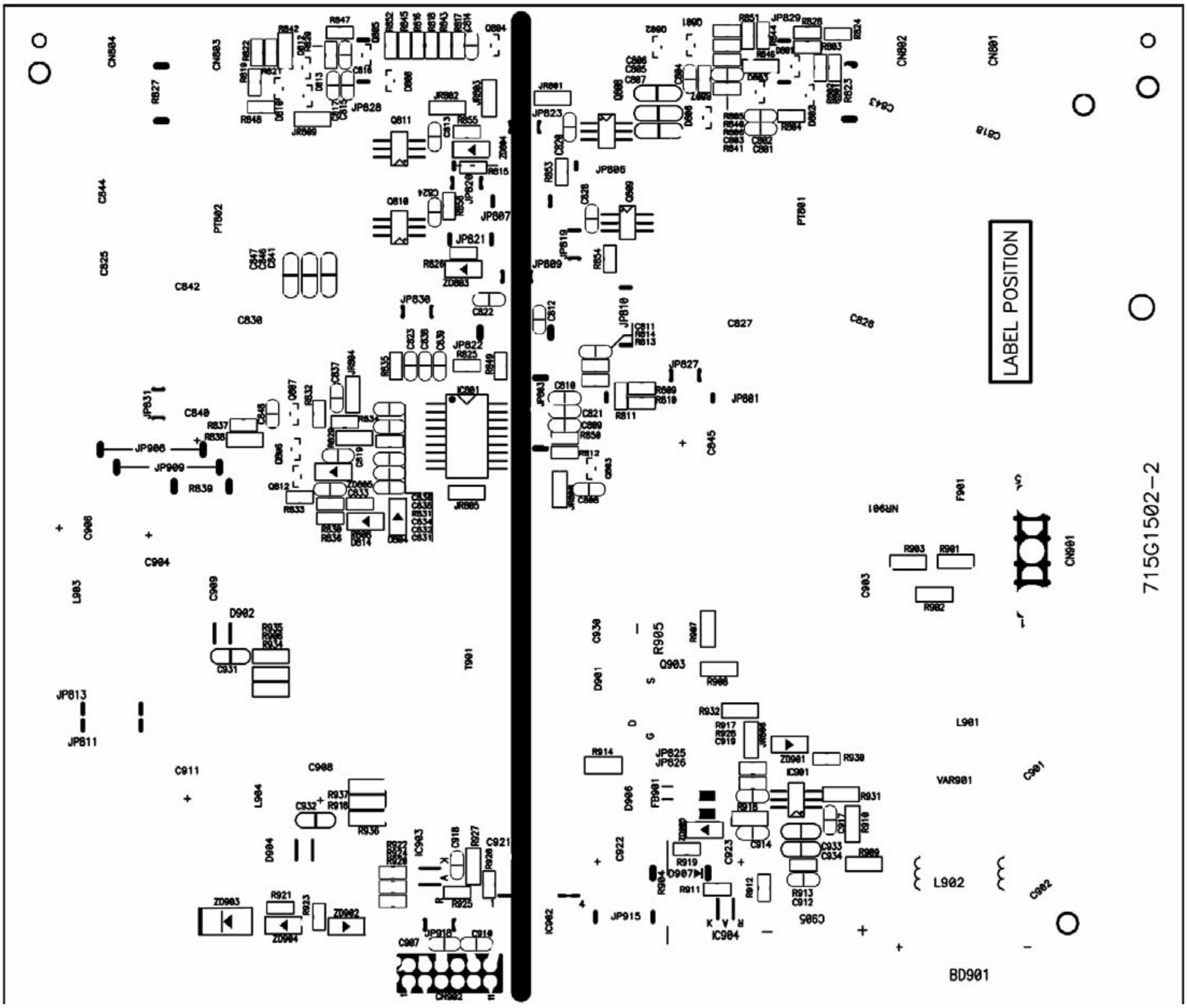



94V-0GW-05
Goodwell
0611
CN501
2
1
24
23
CN502
CN503
RoHS
715G1533-3-MU
U401
U601
U602
U202
U302
U402
U403
CN601
CN301
CN202
CN402
X301
TP205
R601
C609
R603
R602
Q601
R604
R324
R335
R334
C301
C325
C501
C504
C617
C616
C615
C604
C602
C601
C605
C606
C607
C608
C603
C610
C611
C612
C613
C319
C309
C316
C327
C328
C311
C310
C333
D601
D602
D210
Q201
Q302
Q603
Q604
Q403
Q404
L601
L602
L603
L604
L301
L302
L304
L306
L405
L406
ZD207
ZD208
ZD209
ZD210
ZD211
D211
D212
D213
FB201
FB202
FB203
R323
R327
R312
R315
R303
R301
C308
R313
R325
R333
R311
R310
C614
R332
R330
R501
C502
R606
R607
C304
C305
C321
C323
C307
C329
C324
C322
C306
C317
C318
C408
R417
R416
C331
C215
C216
C212
C213
C210
C211
R237
R409
R407
R410
R408
C217
C218
R239
R238
R229
R230
R223
R220
R222
R221
R243
C214
R236
R227
R226
R228
R242
R232
R241
C222
R240
R233
C219
R224
R234
R235
C221
C220
C410
C409
ZD402
ZD404
ZD403
ZD401
C405
C406
C407
C404
L403
L404
L401
L402
R421
R422
R419
R420
3B
128
1
64
102

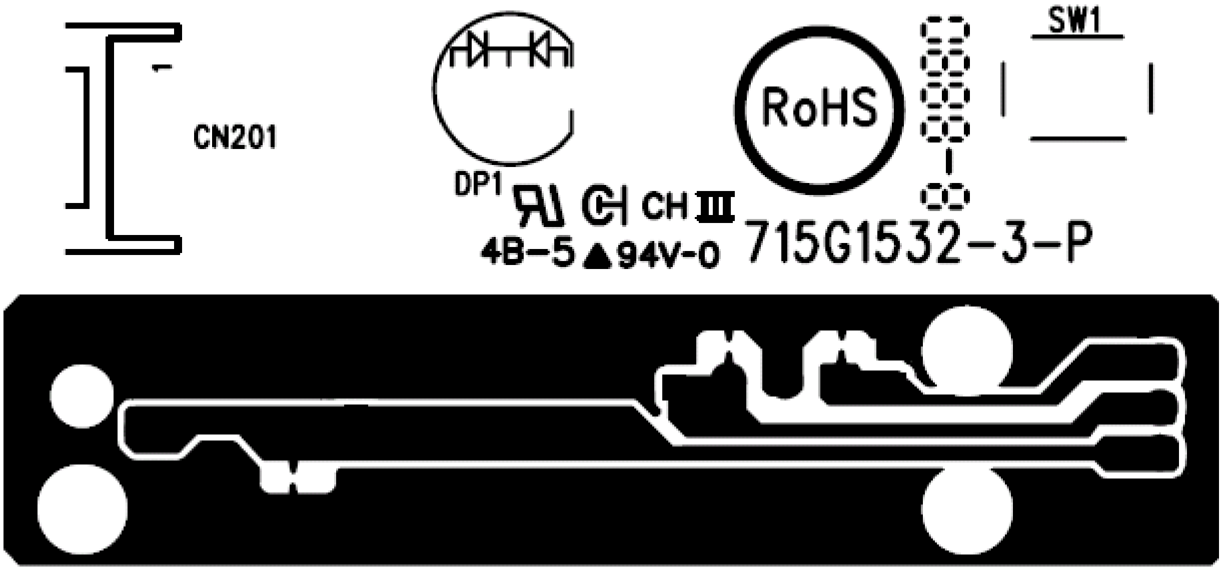
8.2 Power Board

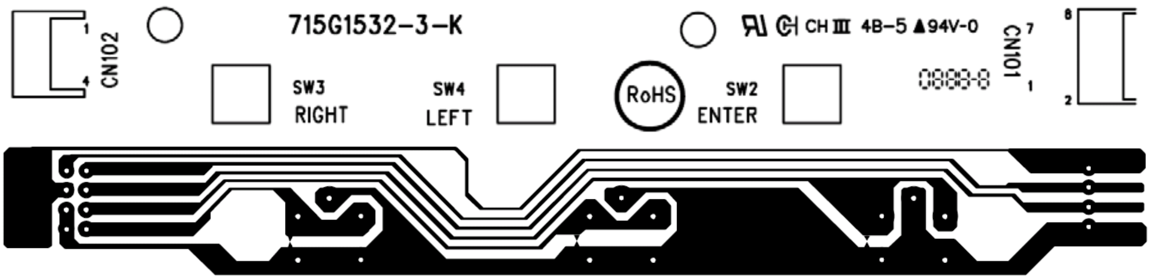





LABEL POSITION
715G1502-2
CN801
CN802
CN803
CN804
IC801
IC901
IC903
IC904
PT801
PT802
T901
L901
L902
L903
L904
F901
VAR901
NR901
BD901
CN901
CN902
Q903
D902
ZD903
ZD904
ZD902
JP913
JP911
JP906
JP909
JP801
JP827
JP821
JP830
JP822
JP823
JP828
JP829
JP806
JP807
JP809
JP825
JP826
JP915
C827
C828
C830
C842
C844
C825
C840
C845
C843
C818
C901
C902
C903
C904
C905
C906
C908
C911
C921
C922
C923
R905
R901
R903
R902
R906
R907
R914
R932
R931
R930
R921
R923
R925
R911
R939

8.3 Key Board


CN201
DP1
RoHS
SW1
CH III
4B-5 ▲94V-0
715G1532-3-P


CN102
715G1532-3-K
SW3
RIGHT
SW4
LEFT
RoHS
SW2
ENTER
CH III 4B-5 ▲94V-0
CN101

9. Maintainability

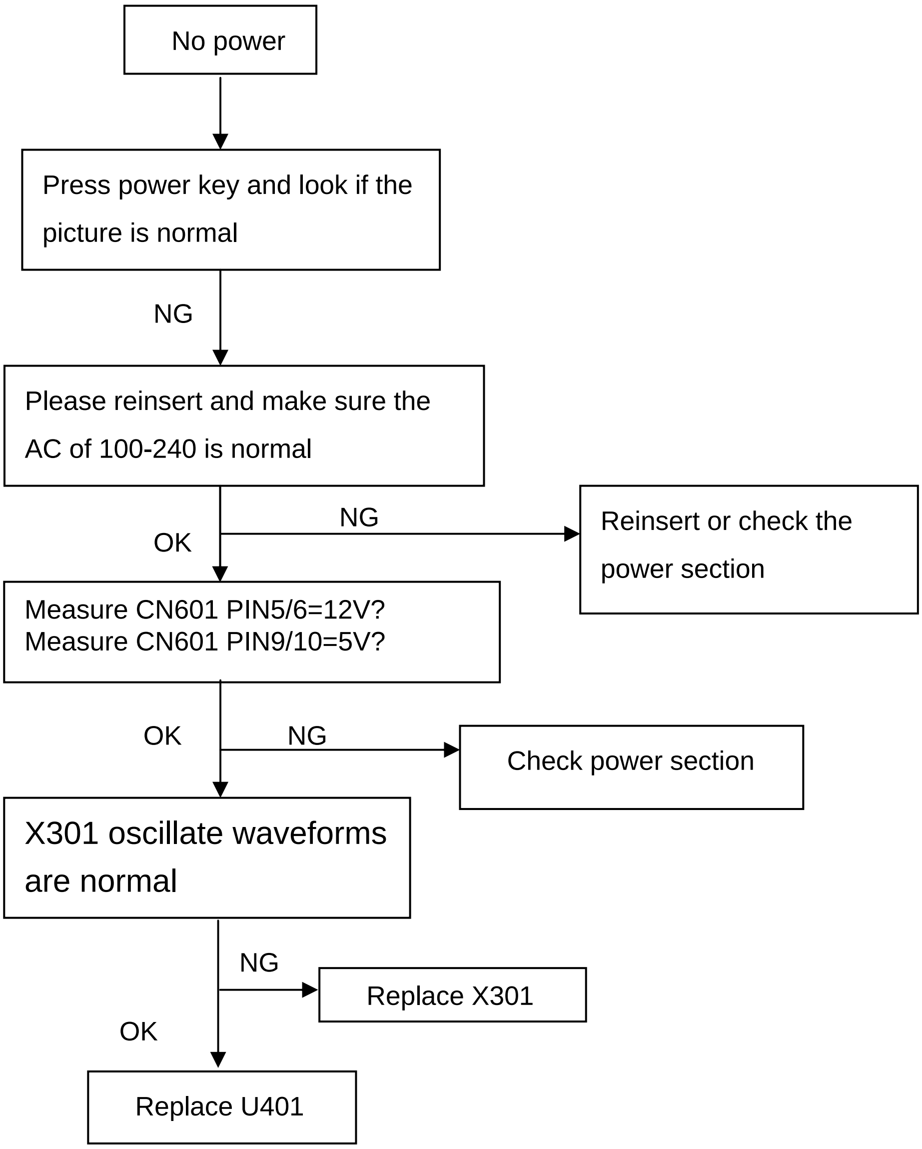
9.1 Equipments and Tools Requirement

1. Multi-meter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

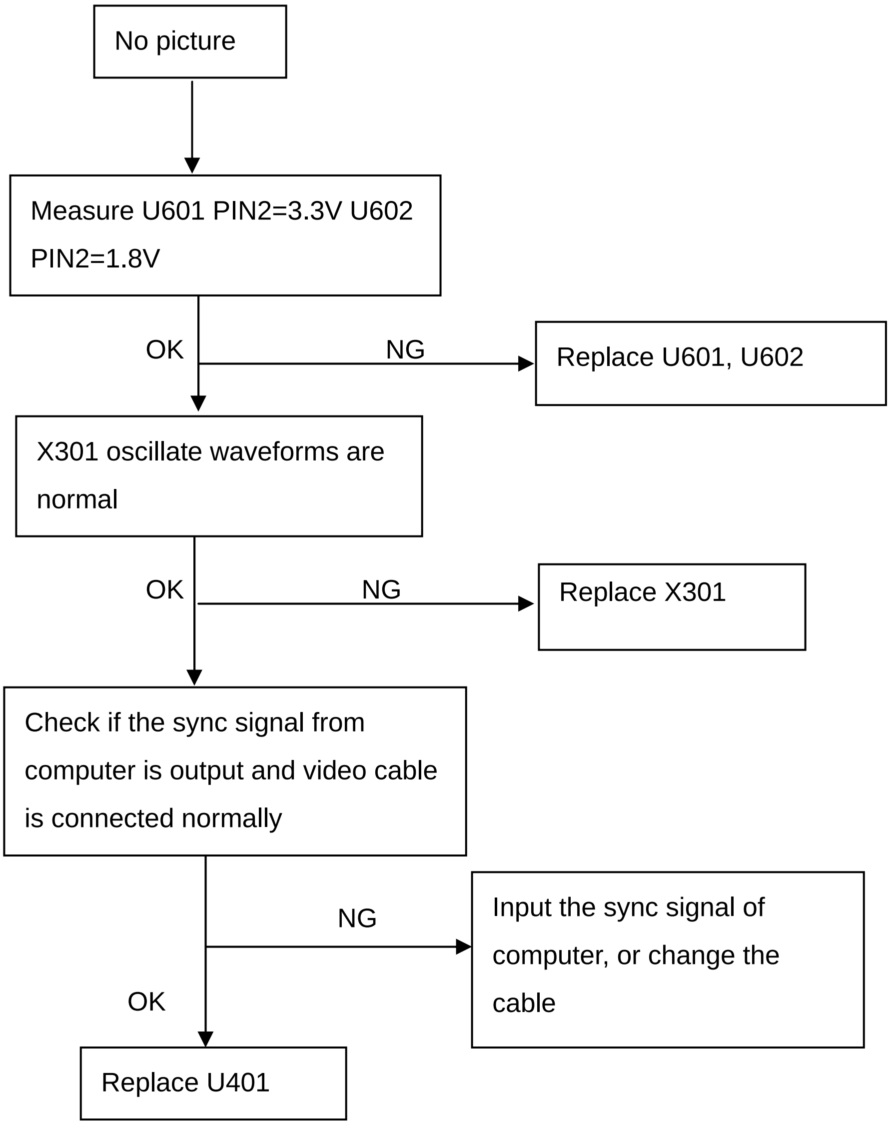
9.2 Trouble Shooting

9.2.1 Main Board

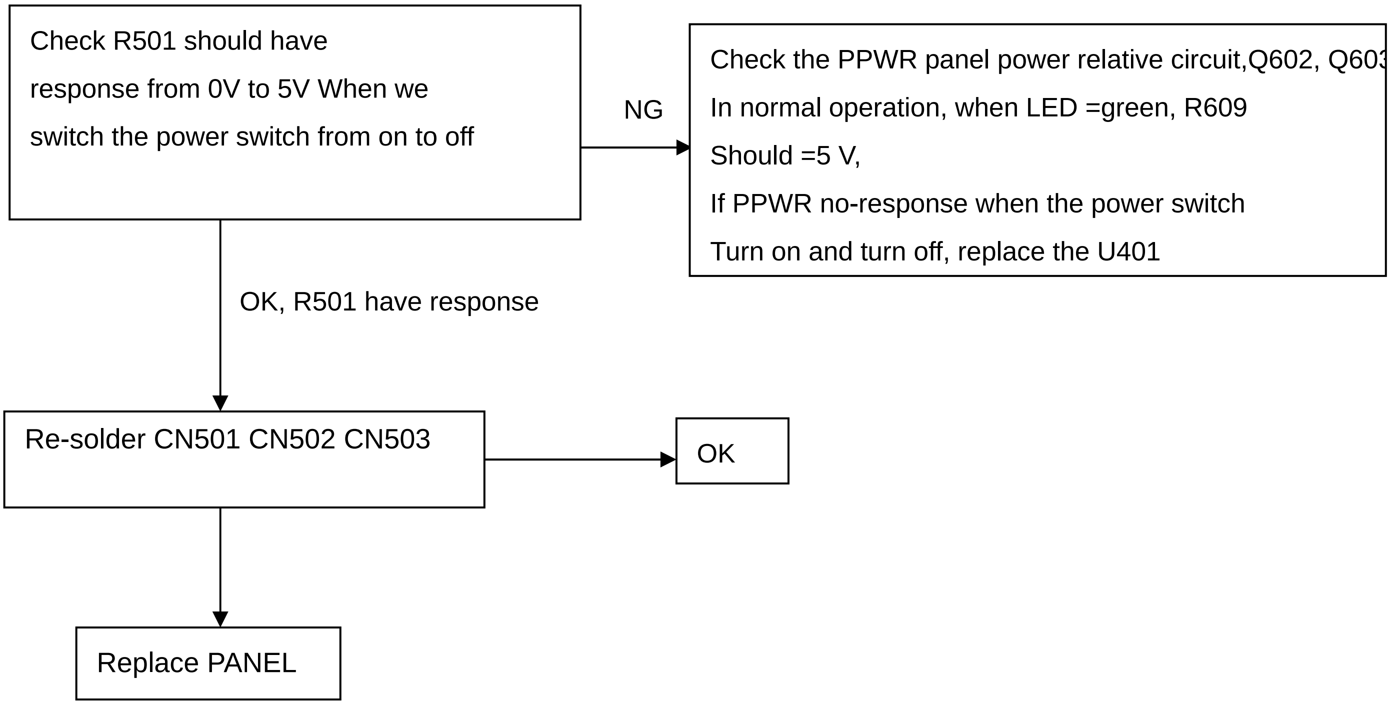
No power



No picture (LED orange)

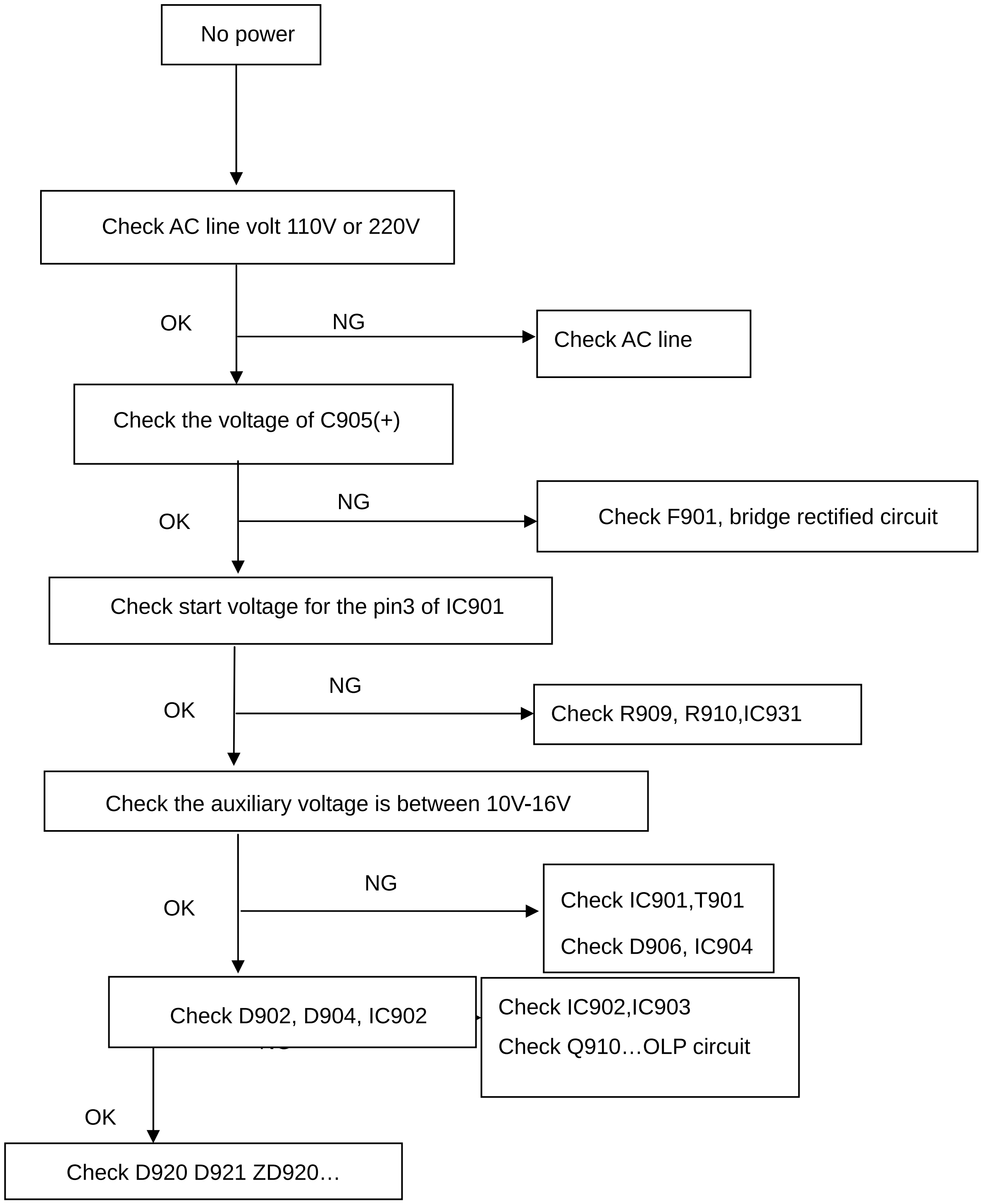


Panel Power Circuit

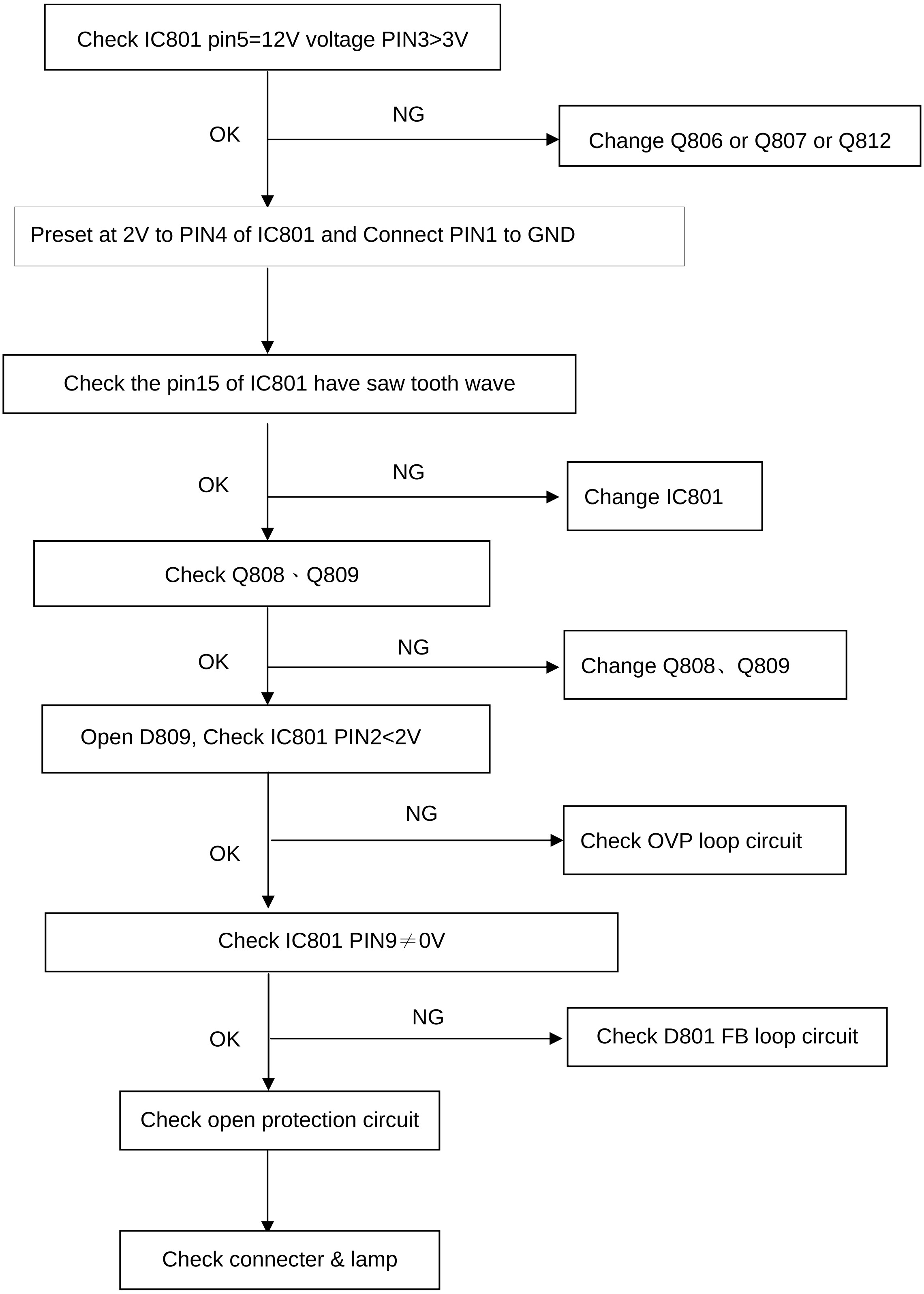


9.2.2 Power Board

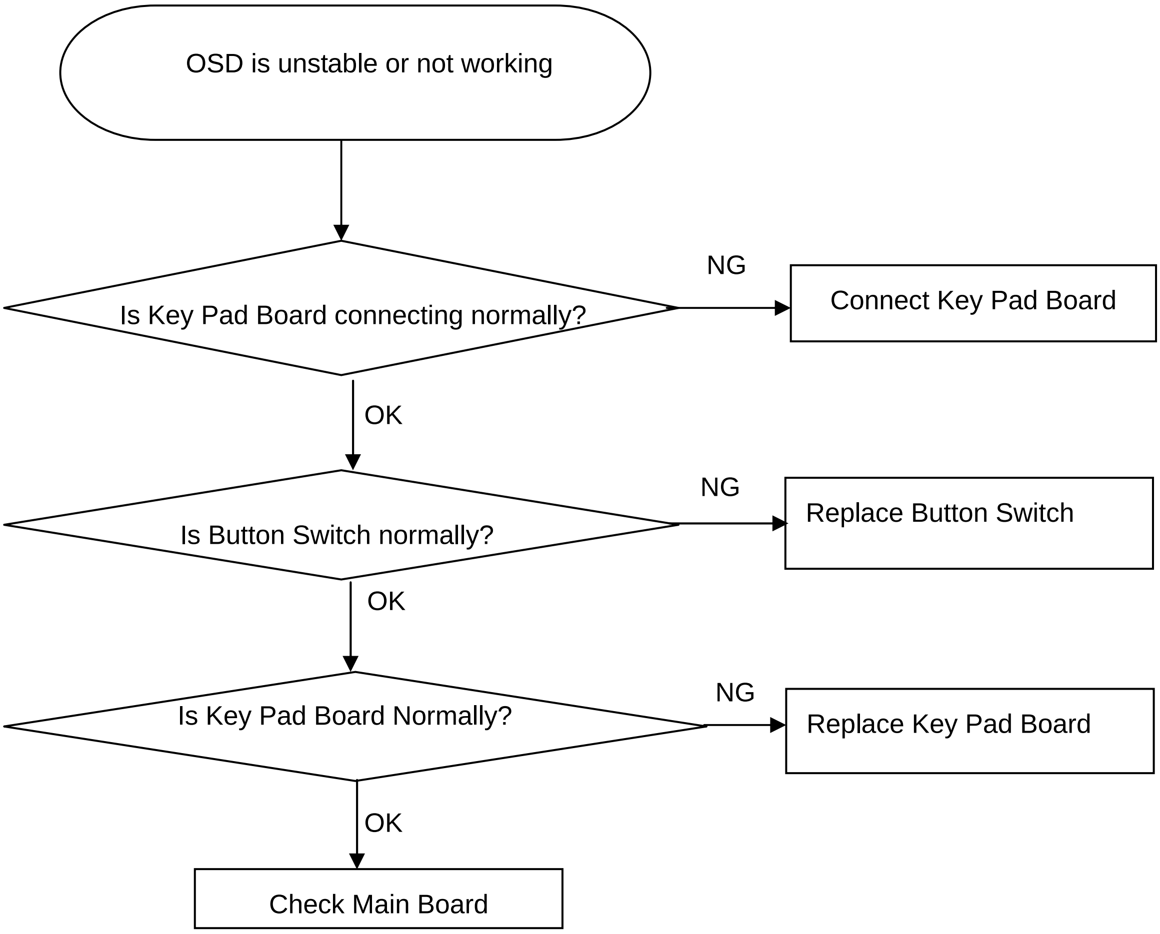
1. No Power



2. W/LED No Backlight



9.2.3 Key Board



10. White- Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM .Channel setting

   A. Reference to chroma 7120 user guide

   B. Use “ SC” key and “ NEXT” key to modify xyY value and use “ID” key to modify the TEXT description Following is the procedure to do white-balance adjust

2. Setting the color temp. You want

   A. 9300 color: 9300 color temp. parameter is x = 283 ±20, y = 297 ±20, Y > 180 cd/m2 ,

   B. sRGB color: sRGB color temp. parameter is x = 313±20, y = 329 ±20, Y>200 cd/m2)

   C. 6500K color: Don’t adjust, Custom requires.

3. Into factory mode of HP L1706

   A. Press DOWN button during 2 seconds along with press Power button will activate the factory mode, then MCU will do AUTO LEVEL automatically. Meanwhile press MENU the OSD screen will located at THE LEFT TOP OF PANEL.

4. Bias adjustment:

   Set the Contrast ◑ to 80

   Adjust the Brightness ☼ to 90.

5. Gain adjustment :

   Move cursor to “-F-” and press MENU key

   A. Adjust 9300k color-temperature

   1. Switch the Chroma-7120 to 9300k channel.
   2. The chroma 7120 will show x = 283±20, y = 297 ±20, Y>180 cd/m2
   3. Switch the chroma-720 to RGB MODE (with press “MODE” button to change)
   4. Adjust the RED of color 9300K on factory window until chroma 7120 indicator reached the value R=100
   5. Adjust the GREEN of color 9300K on factory window until chroma 7120 indicator reached the value G=100
   6. Adjust the BLUE of color 9300K on factory window until chroma 7120 indicator reached the value B=100
   7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

   B. Adjust sRGB color-temperature

   1. Switch the chroma-7120 to sRGB channel.
   2. The chroma 7120 will show x = 313 ±20, y = 329 ±20, Y = 210 ±20 cd/m2
   3. Switch the chroma 7120 l to RGB MODE (with press “MODE” button to change)
   4. Adjust the RED of color sRGB on factory window until chroma 7120 indicator reached the value R=100
   5. Adjust the GREEN of color sRGB on factory window until chroma 7120 indicator reached the value G=100
   6. Adjust the BLUE of color sRGB on factory window until chroma 7120 indicator reached the value B=100
   7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance =100±2

   C. Press reset key and Turn the Power-button “off to on” to quit from factory mode.

11. BOM List

T76GGDDKAKHPNE

Location	Part No.	Description
	CBPC6GGDHPH	MAIN BOARD FOR 17
	KEPC980KHP4P	KEY BOARD
	KEPC980KHP5P	KEY BOARD FOR POWER
	PWPC1742LGH1P	POWER BOARD
	11G 178 1	SPACER SUPPORT
	15G8162 5	MAIN FRAME
	33G4856 EY L	LOGO PLATE
	33G4889 EY L	STAND CAP
	34G1568 EY B	REAR COVER
	40G 58169016A	TCO03 LABEL
	41G780069094B	QSG
	44G3760 1	EPS(L)
	44G3760 2	EPS(R)
	52G 1185	MIDDLE TAPE
	52G 1186	SMALL TAPE
	52G6022 1500	SMALL TAPE
E089B	89G1738CAAE01	SIGNAL CABLE
E089A	89G402A19N IS	AC POWER CABLE
	95G8014 8567	WIRE HARNESS
E095	95G8018 3508	WIRE HARNESS
	M1G 340 8225 CR3	SCREW 4*8mm
	M1G1730 6128 CR3	SCREW M3x6
	M1G1730 6128 CR3	SCREW M3x6
	M1G1740 6128 CR3	SCREW
	M1G2940 10225 CR3	SCREW
	M1G3030 5 47 CR3	SCREW
	P1G3030 5 47 CR3	SCREW
	Q1G 330 6120	SCREW M3X6mm
	Q1G 330 6120	SCREW M3X6mm
	Q1G 330 6120	SCREW M3X6mm
	705G 780 87 01	AC SOCKET ASS'Y
	705G780KF34 36	BEZEL ASS'Y
	705G780KP34 10	STAND ASS'Y
E750L	750GLG70E3L22Z000H	PANEL LM170E03-TLL2 LPL
	H40G 170690 2E	RATING LABEL
	H40G 17N690 5A	RATING LABEL
	H40G581H690 2A	CARTON LABEL

	H41G160069033E	DOC KIT FOR NA(391904-D
	H41G780069099C	SCREEN FLY (311618-007
	H41G7800690B12	RTF CARD(407430-004)
	H44G3760690 3D	CARTON FOR L1706(385898
	H45G 87 1 2H R	PE BAG FOR MONITOR
	H45G 87 4 H R	PE BAG FOR BASE
	H52G6025 16 17	INSULATE SHEET
	H52G6025 16007	INSULATE SHEET
CN402	33G3802 8H 6176	WAFER 8P RIGHT ANGLE PI
CN601	33G8027 12 6065	WAFER 2*6P 2.0MM R/A
CN501	33G8043 24 H6176	WAFER
	40G 457624 1B	CPU LABEL
	40G 45762412B	CBPC LABEL
C602	67G215V101 4N	ELCAP 100UF +-20% 25V 1
C611	67G215V101 4N	ELCAP 100UF +-20% 25V 1
C606	67G215V221 4N	ELCAP 220UF +-20% 25V 1
C301	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C309	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C316	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C319	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C501	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C610	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
C615	67G215Y2207RV	ELCAP 22UF +-20% 50V 10
CN202	88G 35315F H	D-SUB 15PIN
X301	93G 22 53	14.31818MHZ HC-49US
U401	56G 562101	GM2621-LF-BC
U601	56G 563 21	AP1084K33LA
U602	56G 563 31	AZ1117D-1.8-E1
U202	56G1133 34	M24C02-WMN6TP
U403	56G1133 56	M24C16-WMN6TP
U402	56G1133 59	SST25VF010-20-4C-SAE S0
Q302	57G 417 12 T	2N3904S-RTK/PS SOT-23
Q403	57G 417 12 T	2N3904S-RTK/PS SOT-23
Q404	57G 417 12 T	2N3904S-RTK/PS SOT-23
Q601	57G 417 12 T	2N3904S-RTK/PS SOT-23
Q603	57G 417 12 T	2N3904S-RTK/PS SOT-23
Q201	57G 759 2	RK7002
Q602	57G 763 1	AO3401L SOT23 BY AOS(A1
FB201	61G0603000 6865	RST CHIPR 0 OHM +-5% 1/
FB202	61G0603000 6865	RST CHIPR 0 OHM +-5% 1/

FB203	61G0603000 6865	RST CHIPR 0 OHM +-5% 1/
R336	61G0603000 6865	RST CHIPR 0 OHM +-5% 1/
R606	61G0603000 6865	RST CHIPR 0 OHM +-5% 1/
R301	61G0603100 6865	RST CHIPR 10 OHM +-5% 1
R416	61G0603100 2F6865	RST CHIPR 10KOHM +-1% 1
R417	61G0603100 2F6865	RST CHIPR 10KOHM +-1% 1
R222	61G0603101 6865	RST CHIPR 100 OHM +-5%
R224	61G0603101 6865	RST CHIPR 100 OHM +-5%
R228	61G0603101 6865	RST CHIPR 100 OHM +-5%
R230	61G0603101 6865	RST CHIPR 100 OHM +-5%
R232	61G0603101 6865	RST CHIPR 100 OHM +-5%
R242	61G0603101 6865	RST CHIPR 100 OHM +-5%
R243	61G0603101 6865	RST CHIPR 100 OHM +-5%
R309	61G0603101 6865	RST CHIPR 100 OHM +-5%
R310	61G0603101 6865	RST CHIPR 100 OHM +-5%
R311	61G0603101 6865	RST CHIPR 100 OHM +-5%
R312	61G0603101 6865	RST CHIPR 100 OHM +-5%
R313	61G0603101 6865	RST CHIPR 100 OHM +-5%
R407	61G0603101 6865	RST CHIPR 100 OHM +-5%
R408	61G0603101 6865	RST CHIPR 100 OHM +-5%
R602	61G0603102 6865	RST CHIPR 1KOHM +-5% 1/
R604	61G0603102 6865	RST CHIPR 1KOHM +-5% 1/
R221	61G0603103 6865	RST CHIPR 10KOHM +-5% 1
R327	61G0603103 6865	RST CHIPR 10KOHM +-5% 1
R605	61G0603103 6865	RST CHIPR 10KOHM +-5% 1
R609	61G0603103 6865	RST CHIPR 10KOHM +-5% 1
R608	61G0603104 6865	RST CHIPR 100KOHM +-5%
R333	61G0603123 6865	RST CHIPR 12KOHM +-5% 1
R420	61G0603220 2F6857	RST CHIPR 22KOHM +-1% 1
R421	61G0603220 2F6857	RST CHIPR 22KOHM +-1% 1
R238	61G0603221 6865	RST CHIPR 220 OHM +-5%
R239	61G0603221 6865	RST CHIPR 220 OHM +-5%
R237	61G0603222 6865	RST CHIPR 2.2KOHM +-5%
R240	61G0603222 6865	RST CHIPR 2.2KOHM +-5%
R241	61G0603222 6865	RST CHIPR 2.2KOHM +-5%
R419	61G0603300 2F6865	RST CHIPR 30KOHM +-1% 1
R422	61G0603300 2F6865	RST CHIPR 30KOHM +-1% 1
R226	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R227	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R306	61G0603472 6865	RST CHIPR 4.7KOHM +-5%

R307	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R308	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R315	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R316	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R317	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R318	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R323	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R324	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R325	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R335	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R601	61G0603472 6865	RST CHIPR 4.7KOHM +-5%
R328	61G0603473 6865	RST CHIPR 47KOHM +-5% 1
R409	61G0603473 6865	RST CHIPR 47KOHM +-5% 1
R410	61G0603473 6865	RST CHIPR 47KOHM +-5% 1
R329	61G0603622 6865	RST CHIPR 6.2KOHM +-5%
R220	61G0603750 6865	RST CHIPR 75 OHM +-5% 1
R223	61G0603750 6865	RST CHIPR 75 OHM +-5% 1
R229	61G0603750 6865	RST CHIPR 75 OHM +-5% 1
R233	61G0603750 9F6865	RST CHIPR 75 OHM +-1% 1
R234	61G0603750 9F6865	RST CHIPR 75 OHM +-1% 1
R235	61G0603750 9F6865	RST CHIPR 75 OHM +-1% 1
R501	61G1206331 6865	RST CHIPR 330 OHM +-5%
C217	65G0603101 316805	CHIP 100PF 50V NPO
C218	65G0603101 316805	CHIP 100PF 50V NPO
C404	65G0603102 326857	1000PF +-10% 50V X7R
C405	65G0603102 326857	1000PF +-10% 50V X7R
C406	65G0603102 326857	1000PF +-10% 50V X7R
C407	65G0603102 326857	1000PF +-10% 50V X7R
C409	65G0603102 326857	1000PF +-10% 50V X7R
C410	65G0603102 326857	1000PF +-10% 50V X7R
C219	65G0603104 126805	0.1UF +-10% 16V X7R
C220	65G0603104 126805	0.1UF +-10% 16V X7R
C221	65G0603104 126805	0.1UF +-10% 16V X7R
C302	65G0603104 126805	0.1UF +-10% 16V X7R
C303	65G0603104 126805	0.1UF +-10% 16V X7R
C304	65G0603104 126805	0.1UF +-10% 16V X7R
C305	65G0603104 126805	0.1UF +-10% 16V X7R
C306	65G0603104 126805	0.1UF +-10% 16V X7R
C307	65G0603104 126805	0.1UF +-10% 16V X7R
C308	65G0603104 126805	0.1UF +-10% 16V X7R

C310	65G0603104 126805	0.1UF +-10% 16V X7R
C311	65G0603104 126805	0.1UF +-10% 16V X7R
C317	65G0603104 126805	0.1UF +-10% 16V X7R
C318	65G0603104 126805	0.1UF +-10% 16V X7R
C320	65G0603104 126805	0.1UF +-10% 16V X7R
C321	65G0603104 126805	0.1UF +-10% 16V X7R
C322	65G0603104 126805	0.1UF +-10% 16V X7R
C323	65G0603104 126805	0.1UF +-10% 16V X7R
C324	65G0603104 126805	0.1UF +-10% 16V X7R
C326	65G0603104 126805	0.1UF +-10% 16V X7R
C332	65G0603104 126805	0.1UF +-10% 16V X7R
C333	65G0603104 126805	0.1UF +-10% 16V X7R
C408	65G0603104 126805	0.1UF +-10% 16V X7R
C502	65G0603104 126805	0.1UF +-10% 16V X7R
C603	65G0603104 126805	0.1UF +-10% 16V X7R
C604	65G0603104 126805	0.1UF +-10% 16V X7R
C607	65G0603104 126805	0.1UF +-10% 16V X7R
C608	65G0603104 126805	0.1UF +-10% 16V X7R
C612	65G0603104 126805	0.1UF +-10% 16V X7R
C613	65G0603104 126805	0.1UF +-10% 16V X7R
C614	65G0603104 126805	0.1UF +-10% 16V X7R
C616	65G0603104 326805	CHIP 0.1UF 50V X7R
C214	65G0603224 226029	CHIP 0.22UF 25V X7R
C222	65G0603224 226029	CHIP 0.22UF 25V X7R
C331	65G0603224 226029	CHIP 0.22UF 25V X7R
C327	65G0603330 316805	33PF+-5% 50V NPO
C328	65G0603470 316805	CHIP 47PF 50V NPO
C210	65G0603473 326857	CHIP 0.047UF 50V X7R
C211	65G0603473 326857	CHIP 0.047UF 50V X7R
C212	65G0603473 326857	CHIP 0.047UF 50V X7R
C213	65G0603473 326857	CHIP 0.047UF 50V X7R
C215	65G0603473 326857	CHIP 0.047UF 50V X7R
C216	65G0603473 326857	CHIP 0.047UF 50V X7R
L601	71G 56G301 EA6457	BEAD
L602	71G 56G301 EA6457	BEAD
L603	71G 56G301 EA6457	BEAD
L604	71G 56G301 EA6457	BEAD
L301	71G 56K121 M	CHIP BEAD
L302	71G 56K121 M	CHIP BEAD
L303	71G 56K121 M	CHIP BEAD

L304	71G 56K121 M	CHIP BEAD
L305	71G 56K121 M	CHIP BEAD
L306	71G 56K121 M	CHIP BEAD
R603	71G 59C121 B	FCM1608C-121T03 SMD
L401	71G 59C301	CHIP BEAD 300OHM
L402	71G 59C301	CHIP BEAD 300OHM
L403	71G 59C301	CHIP BEAD 300OHM
L404	71G 59C301	CHIP BEAD 300OHM
L405	71G 59C301	CHIP BEAD 300OHM
L406	71G 59C301	CHIP BEAD 300OHM
D210	93G 64 42 P	BAV70 SOT-23
D211	93G 6433P	BAV99
D212	93G 6433P	BAV99
D213	93G 6433P	BAV99
ZD207	93G 39S 34 T	UDZS5.6B
ZD208	93G 39S 34 T	UDZS5.6B
ZD209	93G 39S 34 T	UDZS5.6B
ZD210	93G 39S 34 T	UDZS5.6B
ZD211	93G 39S 34 T	UDZS5.6B
ZDD401	93G 39S 34 T	UDZS5.6B
ZDD402	93G 39S 34 T	UDZS5.6B
ZDD403	93G 39S 34 T	UDZS5.6B
ZDD404	93G 39S 34 T	UDZS5.6B
D601	93G2040 3F	FA20-04
D602	93G2040 3F	FA20-04
	715G1533 3 MU6904	MAIN BOARD PCB
CN102	33G3802 4H 6176	WAFER 4P RIGHT ANGLE
CN101	33G8027 8 H6176	WAFER 8P 2.0mm DIP DUAL
SW2	77G 600 1GCJ	TACT SWITCH TSPB-2
SW3	77G 600 1GCJ	TACT SWITCH TSPB-2
SW4	77G 600 1GCJ	TACT SWITCH TSPB-2
	715G1532 3 K6F2I	KEPC PCB
SW1	77G 600 1GCJ	TACT SWITCH TSPB-2
DP1	81G 12 1F GP6356	LED
CN201	95G8014 45146078	HARNESS
	715G1532 2 P6F2I	KEPC PCB
L901	S73L17440VG	TRANSFORMER
PT801	S80GL15T20V	TRANSFORMER BY TPV
PT802	S80GL15T20V	TRANSFORMER BY TPV
CN801	33G8021 2E U	WAFER

CN802	33G8021 2E U	WAFER
CN803	33G8021 2E U	WAFER
CN804	33G8021 2E U	WAFER
CN901	33G8029 5A 6176	WAFER
	40G 45762420A	ID LABEL
IC902	56G 139 3A	PC123Y22FZOF
R904	61G 2J398 596145	RST WWR 0.39 OHM +-5% 2
NR901	61G 58080 WT6872	RST NTCR 8 OHM
C903	63G 10747410S	CAPACITANCE
C818	65G 3J1206ET H	12PF 5% SL 3KV TDK
C825	65G 3J1206ET H	12PF 5% SL 3KV TDK
C843	65G 3J1206ET H	12PF 5% SL 3KV TDK
C844	65G 3J1206ET H	12PF 5% SL 3KV TDK
C826	65G 3J5096ET H	5PF 5% 3KV TDK
C827	65G 3J5096ET H	5PF 5% 3KV TDK
C830	65G 3J5096ET H	5PF 5% 3KV TDK
C842	65G 3J5096ET H	5PF 5% 3KV TDK
C901	65G305M2222BP6W29	2200PF +-20%
C902	65G305M2222BP6W29	2200PF +-20%
C921	65G306M4722BP6W29	4700PF +-20% 400VAC
C904	67G215D4714KV6366	ELCAP 470UF +-20% 25V 1
C906	67G215D4714KV6366	ELCAP 470UF +-20% 25V 1
C909	67G215D4714KV6366	ELCAP 470UF +-20% 25V 1
C911	67G215S4713KV6366	ELCAP 470UF +-20% 16V 1
C840	67G215V102 3R	ELCAP 1000UF +-20% 16V
C845	67G215V102 3R	ELCAP 1000UF +-20% 16V
C908	67G215V102 3R	ELCAP 1000UF +-20% 16V
C905	67G215Y10115K6366	ELCAP 100UF +-20% 450V
L903	73G 253 91 H	CHOKE COIL
L904	73G 253 91 H	CHOKE COIL
L902	73L 174 55 HG GP	GBQM4.778.392
T901	80GL19T 13 N	TRANSFORMER
CN902	95G8014 125176W72	CONNECTOR
	705G 980 57 01	Q903 ASS'Y
	705G 980 61 01	R905 ASS'Y
	705G 980 93 01	D902 ASS'Y
	705G 980 93 02	D904 ASS'Y
JP822	71G 55 24 6092	BEAD
FB901	71G 55 29 6100	FERRITE BEAD
BD901	93G 50460900	GBU408

D901	93G 6026T52T	RECTIFIER DIODE FR107
JP806	95G 90 23	TINCOATEDCOPPER
IC901	56G 379 52	LD7552BS
IC801	56G 608 7	OZT1060GN SOIC-20
Q812	57G 417 4	PMBS3904/PHILIPS-SMT(04
Q808	57G 60040A	AM4512C-T1-PF SO-8
Q809	57G 60040A	AM4512C-T1-PF SO-8
Q810	57G 60040A	AM4512C-T1-PF SO-8
Q811	57G 60040A	AM4512C-T1-PF SO-8
Q801	57G 759 2	RK7002
Q802	57G 759 2	RK7002
Q803	57G 759 2	RK7002
Q804	57G 759 2	RK7002
Q805	57G 759 2	RK7002
Q806	57G 760 4B	PDTA144WK SOT346
Q807	57G 760 5B	PDTC144WK SOT346
R853	61G0805000 6865	RST CHIPR 0 OHM +-5% 1/
R854	61G0805000 6865	RST CHIPR 0 OHM +-5% 1/
R855	61G0805000 6865	RST CHIPR 0 OHM +-5% 1/
R856	61G0805000 6865	RST CHIPR 0 OHM +-5% 1/
R913	61G0805100 3F6857	RST CHIPR 100KOHM +-1%
R805	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R818	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R824	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R828	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R837	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R847	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R848	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R923	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R924	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R926	61G0805102 6865	RST CHIPR 1KOHM +-5% 1/
R815	61G0805103 6865	RST CHIPR 10KOHM +-5% 1
R826	61G0805103 6865	RST CHIPR 10KOHM +-5% 1
R832	61G0805103 6865	RST CHIPR 10KOHM +-5% 1
R917	61G0805103 6865	RST CHIPR 10KOHM +-5% 1
R919	61G0805103 6865	RST CHIPR 10KOHM +-5% 1
R930	61G0805104 6865	RST CHIPR 100KOHM +-5%
R806	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/
R807	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/
R808	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/

R817	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/
R820	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/
R835	61G0805105 6865	RST CHIPR 1MOHM +-5% 1/
R911	61G0805151 6865	RST CHIPR 150 OHM +-5%
R925	61G0805202 6865	RST CHIPR 2KOHM +-5% 1/
R849	61G0805220 6865	RST CHIPR 22 OHM +-5% 1
R922	61G0805240 1F6865	RST CHIPR 2.4KOHM +-1%
R813	61G0805273 6865	RST CHIPR 27KOHM +-5% 1
R928	61G0805331 6865	RST CHIPR 330 OHM +-5%
R920	61G0805333 6865	RST CHIPR 33KOHM +-5% 1
R921	61G0805360 1F6865	RST CHIPR 3.6KOHM +-1%
C831	61G0805393 6865	RST CHIPR 39KOHM +-5% 1
R803	61G0805471 6865	RST CHIPR 470 OHM +-5%
R804	61G0805471 6865	RST CHIPR 470 OHM +-5%
R816	61G0805471 6865	RST CHIPR 470 OHM +-5%
R819	61G0805471 6865	RST CHIPR 470 OHM +-5%
R844	61G0805471 6865	RST CHIPR 470 OHM +-5%
R845	61G0805471 6865	RST CHIPR 470 OHM +-5%
R840	61G0805472 6865	RST CHIPR 4.7KOHM +-5%
R841	61G0805472 6865	RST CHIPR 4.7KOHM +-5%
R843	61G0805472 6865	RST CHIPR 4.7KOHM +-5%
R801	61G0805512 6865	RST CHIPR 5.1KOHM +-5%
R821	61G0805512 6865	RST CHIPR 5.1KOHM +-5%
R811	61G0805513 6865	RST CHIPR 51KOHM +-5% 1
R825	61G0805623 6865	RST CHIPR 62KOHM +-5% 1
R809	61G0805683 6865	RST CHIPR 68KOHM +-5% 1
R912	61G0805750 2F6857	RST CHIPR 75KOHM +-1% 1
R833	61G0805823 6865	RST CHIPR 82KOHM +-5%
JR801	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
JR802	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
JR803	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
JR804	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
JR806	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
JR809	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
R846	61G1206000 6857	RST CHIPR 0 OHM +-5% 1/
R829	61G1206100 6865	RST CHIPR 10 OHM +-5% 1
R918	61G1206100 6865	RST CHIPR 10 OHM +-5% 1
R906	61G1206101 6865	RST CHIPR 100 OHM +-5%
R916	61G1206101 6865	RST CHIPR 100 OHM +-5%
R934	61G1206101 6865	RST CHIPR 100 OHM +-5%

R935	61G1206101 6865	RST CHIPR 100 OHM +-5%
R936	61G1206101 6865	RST CHIPR 100 OHM +-5%
R937	61G1206101 6865	RST CHIPR 100 OHM +-5%
JR808	61G1206220 6865	RST CHIPR 22 OHM +-5% 1
R914	61G1206339 6857	RST CHIPR 3.3 OHM +-5%
R909	61G1206434 6857	RST CHIPR 430KOHM +-5%
R910	61G1206434 6857	RST CHIPR 430KOHM +-5%
R931	61G1206434 6857	RST CHIPR 430KOHM +-5%
R927	61G1206470 6865	RST CHIPR 47 OHM +-5% 1
R838	61G1206471 6857	RST CHIPR 470 OHM +-5%
R842	61G1206472 6865	RST CHIPR 4.7KOHM +-5%
R907	61G1206514 6857	RST CHIPR 510KOHM +-5%
R908	61G1206514 6857	RST CHIPR 510KOHM +-5%
R932	61G1206514 6857	RST CHIPR 510KOHM +-5%
R901	61G1206684 6865	RST CHIPR 680KOHM +-5%
R902	61G1206684 6865	RST CHIPR 680KOHM +-5%
R903	61G1206684 6865	RST CHIPR 680KOHM +-5%
C833	65G0805102 316029	1000PF 50V NPO
C917	65G0805103 326029	10NF/50V/0805/X7R
C803	65G0805104 226826	0.1UF +-10% 25V X7R 080
C804	65G0805104 226826	0.1UF +-10% 25V X7R 080
C808	65G0805104 226826	0.1UF +-10% 25V X7R 080
C813	65G0805104 226826	0.1UF +-10% 25V X7R 080
C814	65G0805104 226826	0.1UF +-10% 25V X7R 080
C816	65G0805104 226826	0.1UF +-10% 25V X7R 080
C820	65G0805104 226826	0.1UF +-10% 25V X7R 080
C823	65G0805104 226826	0.1UF +-10% 25V X7R 080
C824	65G0805104 226826	0.1UF +-10% 25V X7R 080
C828	65G0805104 226826	0.1UF +-10% 25V X7R 080
C834	65G0805104 226826	0.1UF +-10% 25V X7R 080
C838	65G0805104 226826	0.1UF +-10% 25V X7R 080
C848	65G0805104 226826	0.1UF +-10% 25V X7R 080
C907	65G0805104 226826	0.1UF +-10% 25V X7R 080
C910	65G0805104 226826	0.1UF +-10% 25V X7R 080
C914	65G0805104 226826	0.1UF +-10% 25V X7R 080
C918	65G0805104 226826	0.1UF +-10% 25V X7R 080
C837	65G0805104 326826	CHIP 0.1U 50V X7R
C819	65G0805105 226826	CHIP 1UF 25V X7R 0805
C835	65G0805105 226826	CHIP 1UF 25V X7R 0805
C839	65G0805105 226826	CHIP 1UF 25V X7R 0805

C919	65G0805221 216857	220PF 25V 5%
C912	65G0805334 226826	0.33UF+-10% 25V X7R 080
C811	65G080547121G6029	470PF G 25V NPO
C801	65G0805472 316826	CHIP 4700PF 50V X7R 080
C817	65G0805472 316826	CHIP 4700PF 50V X7R 080
C832	65G0805472 316826	CHIP 4700PF 50V X7R 080
C812	65G0805473 226029	SMD 47nf +-10%25V XTR
C822	65G0805473 226029	SMD 47nf +-10%25V XTR
C836	65G0805474 226826	CHIP 0.47UF 25V X7R 080
C931	65G1206102 726805	CHIP 1000PF 500V X7R
C932	65G1206102 726805	CHIP 1000PF 500V X7R
C934	65G1206105 326826	CHIP 1UF 50V X7R 1206
C805	65G1206225 226826	2.2UF 25V X7R 1206
C806	65G1206225 226826	2.2UF 25V X7R 1206
C807	65G1206225 226826	2.2UF 25V X7R 1206
C841	65G1206225 226826	2.2UF 25V X7R 1206
C846	65G1206225 226826	2.2UF 25V X7R 1206
C847	65G1206225 226826	2.2UF 25V X7R 1206
D804	93G 6432S	1N4148W
D814	93G 6432S	1N4148W
D801	93G 6433P	BAV99
D802	93G 6433P	BAV99
D803	93G 6433P	BAV99
D806	93G 6433P	BAV99
D808	93G 6433P	BAV99
D810	93G 6433P	BAV99
D812	93G 6433P	BAV99
D813	93G 6433P	BAV99
ZD902	93G 39S 17 T	RLZ12B LLDS
ZD903	93G 39S 19 T	PTZ7.5B
ZD803	93G 39S 24 T	RLZ 5.6B LLDS
ZD804	93G 39S 24 T	RLZ 5.6B LLDS
ZD805	93G 39S 24 T	RLZ 5.6B LLDS
ZD904	93G 39S 25 T	RLZ5.1B BY ROHM
CN901	6G 31500	EYELET
L901	6G 31502	1.5MM RIVET
L902	6G 31502	1.5MM RIVET
NR901	6G 31502	1.5MM RIVET
PT801	6G 31502	1.5MM RIVET
PT802	6G 31502	1.5MM RIVET

Q903	6G 31502	1.5MM RIVET
T901	6G 31502	1.5MM RIVET
D906	95G 90 23	TINCOATEDCOPPER
JP801	95G 90 23	TINCOATEDCOPPER
JP803	95G 90 23	TINCOATEDCOPPER
JP807	95G 90 23	TINCOATEDCOPPER
JP809	95G 90 23	TINCOATEDCOPPER
JP810	95G 90 23	TINCOATEDCOPPER
JP811	95G 90 23	TINCOATEDCOPPER
JP813	95G 90 23	TINCOATEDCOPPER
JP819	95G 90 23	TINCOATEDCOPPER
JP820	95G 90 23	TINCOATEDCOPPER
JP821	95G 90 23	TINCOATEDCOPPER
JP823	95G 90 23	TINCOATEDCOPPER
JP825	95G 90 23	TINCOATEDCOPPER
JP826	95G 90 23	TINCOATEDCOPPER
JP827	95G 90 23	TINCOATEDCOPPER
JP828	95G 90 23	TINCOATEDCOPPER
JP829	95G 90 23	TINCOATEDCOPPER
JP830	95G 90 23	TINCOATEDCOPPER
JP831	95G 90 23	TINCOATEDCOPPER
JP908	95G 90 23	TINCOATEDCOPPER
JP909	95G 90 23	TINCOATEDCOPPER
JP915	95G 90 23	TINCOATEDCOPPER
JP918	95G 90 23	TINCOATEDCOPPER
R839	95G 90 23	TINCOATEDCOPPER
R823	61G212Y625 KT3876	RST MGFR 6.2MOHM +-5% 1
R827	61G212Y625 KT3876	RST MGFR 6.2MOHM +-5% 1
D907	93G 6038T52T	FR103
C905	6G 31502	1.5MM RIVET
IC903	56G 158 10 T	AZ431AZ-AE1 TO-92
IC904	56G 158 10 T	AZ431AZ-AE1 TO-92
C930	65G 1K152 1T6921	1.5nF/1K Y5P +-10%
C923	67G215Y2207KT6366	ELCAP 22UF +-20% 50V 10
F901	84G 56 1 6732	FUSE 2A 250V WICKMANN
	715G1502 2 6F2I	POWER BOARD PCB
	34FPE19P03	CASE EEL19
	34FPE19P03	CASE EEL19
Q903	57G 724 11	STP9NK65ZFP
HS1	90G6064 1	HEAT SINK

	M1G1730 8128 CR3	SCREW
R905	61G152M10458F6W56	RST MOFR 100KOHM +-5% 2
	96G 29 6	SHRINK TUBE UL/CSA
HS4	90G6064 1	HEAT SINK
D902	93G 60258	FME-220B
	M1G1730 8128 CR3	SCREW
HS3	90G6064 1	HEAT SINK
D904	93G 60247	FME-220A
	M1G1730 8128 CR3	SCREW
	33F303SM24K30	PK2407P30/TD00-30LH
	33F303TTD1	TD00-T
	71G 100509	FERRITE CORD
	87G 501 14 RF	AC SOCKET
	95G 900594	WIRE HARNESS
	95G8021 5501	WIRE HARNESS
	96G 29 6	SHRINK TUBE UL/CSA
	33G4858APM L	POWER BUTTON
	33G4859 1 C	LENS
	33G6403APM L	CONTROL BUTTON
	34G1567APC B	BEZEL
	34G1566 EY B 20	BASE
	34G1625 EY B	STAND
	37G 513 5	HINGE
	Q1G 130 6120	SCREW (T3X6)
	Q1G 140 8128 CR3	SCREW